


LIONEL ELECTRIC MODEL RAILROAD TRAINS



LIONEL MODEL RAILROADING

"Standard of the World Since 1900"



LIONEL MODEL RAILROADING—Surely there is magic in these words! Suppose, just suppose a world renowned magician was standing alongside of a famous railroad train, say the Twentieth Century Limited. He waves his wand, and lo and behold, the train grows smaller and smaller, until it is only a hundred inches long, and six inches high. And instead of the crack engineer in the cab, YOU are standing next to the train! And that exactly describes a Lionel Train. Real as a real train except for size.

Lionel's supreme leadership has remained unchallenged since Lionel Trains were first created and built in 1900. In other words, ever since your Dad was a boy. He played with electric trains then, and he probably helps you play with yours now. It is play, yes, but it is more than just that. It is a pleasant, exciting way of learning something about the world, about the world of travel; about the world of railroading; about the mysterious force—Electricity. You must think of the Lionel Corporation as a national institution of learning, whose aim is to help the future engineer.

Boys, the Lionel Corporation's staff of mechanical engineers are absolutely capable of building real railroads, and real trains. But they are tirelessly at work making researches, testing new materials, designing new machinery, organizing production to turn out always better and more realistic Lionel Trains for YOU.

There she goes! You have thrown in the switch in the control tower, and the powerful Transcontinental Limited gathers speed down the line. Look at that train! Powerful motored locomotive with headlight gleaming. Long graceful Pullmans and an observation car with a cheerful electric light on the rear platform, and two brilliant red rear running lights. It *does* seem as if some magician had a hand in this. That train is too realistic to be a mere toy.

But, there is more to Lionel Model Railroading than just seeing the train run. You can switch your train electrically to another track. You can control your station lights, lamp posts, tunnel illumination—all from a central power house, or panel board. You can back your freight pulled by a powerful engine, on to a siding to clear the main track for the Limited!

[Page Two]

The Tremendous Factories at Irvington, N. J., Where Lionel Trains Are Made

Yes, you can do all of these things, and in the following pages of this catalog, it tells you how.

Most boys would not operate any electric train at all, if they could not have a LIONEL. They know that only LIONEL keeps pace with the very latest developments of real railroads.

But after all, what good would even a real railroad be without locomotives that perform their tasks faithfully, and above all CONTINUOUSLY. One locomotive on the job is worth a dozen in the shop.

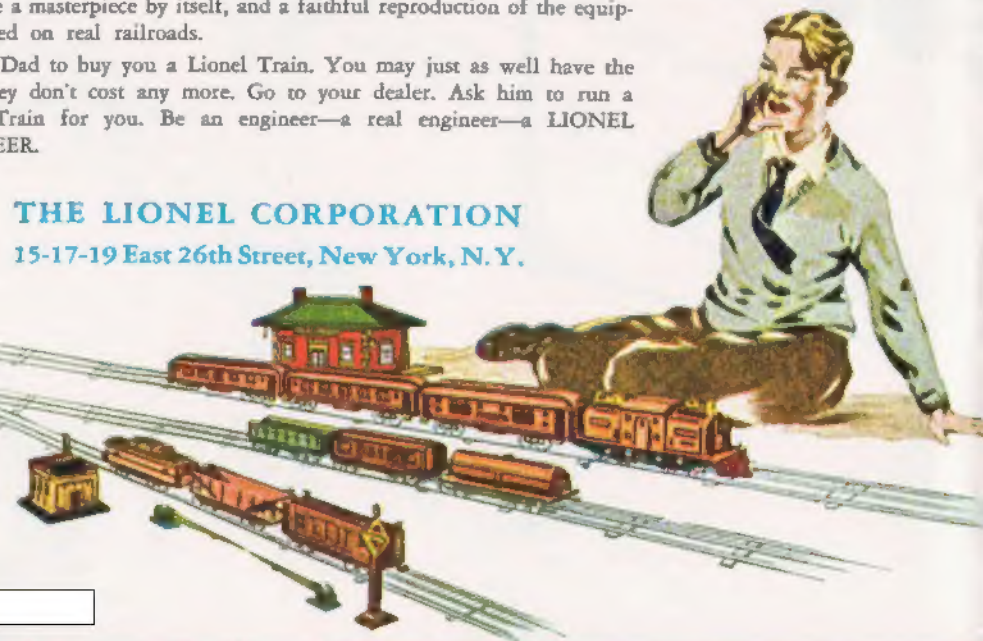
And that, boys, is the reason for the nation-wide success of LIONEL. A LIONEL motor is a masterpiece of mechanical and electrical precision. It is the crowning achievement of our staff of master mechanical engineers. It is built and assembled as carefully as the movement in Dad's watch. Every gear is machined to mesh precisely with its fellow gear. Every bearing is accurately installed so that there is no side play to a shaft or axle. Every armature is wound by patented machinery that cannot make a blunder. And after it is installed in the locomotive body, it is more powerful, and will pull more cars than any other make of train ever produced.

Every modern accessory, whether hand or automatically controlled, is included in the Lionel Line. Each one a masterpiece by itself, and a faithful reproduction of the equipment used on real railroads.

Tell Dad to buy you a Lionel Train. You may just as well have the best. They don't cost any more. Go to your dealer. Ask him to run a Lionel Train for you. Be an engineer—a real engineer—a LIONEL ENGINEER.

THE LIONEL CORPORATION

15-17-19 East 26th Street, New York, N. Y.



THE LIONEL "DISTANT-CONTROL" SYSTEM

An Electrical Brain In Your Train

THE LIONEL "DISTANT-CONTROL" SUPER-MOTOR

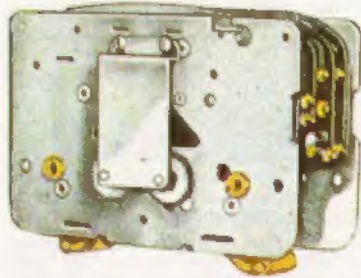


Illustration shows the simplicity and compactness of Lionel "Distant-Control" Super-Motors. All working parts are mounted between two heavy steel plates. All shaft bearings are reinforced with bronze bushings. All parts are easily accessible, including the removable brush holder, lever for reversing the locomotive by hand and an additional lever for disconnecting the "Distant-Control" mechanism.

OPERATING a Lionel Train by means of Lionel's 100% "Distant-Control" System is the most interesting and most thrilling experience an intelligent boy can have. Nothing equals its perfect operation, its quick as lightning response to the young engineer's commands. Designed for both "O" Gauge and "Lionel Standard" track it makes it unnecessary to reverse your locomotive by hand. All the movements of the railroad can be controlled from *any distant point* by means of a small controlling rheostat just as from a real switch tower. Precisely as the boy is doing in the picture, you can start, stop, reverse and operate your train at any speed without touching your locomotive. You are thereby the chief operator of a railway system. Your locomotive obeys your will. The commands of the young engineer are executed instantly.

This "Distant-Control" System, plus the Lionel "Distant-Control" Electrical Switches, described on another page, makes it possible for you, by manipulating a small lever, to switch your freight on to a siding while the "Limited" roars past, or you can switch your train from one track to another, entirely by remote control.

Furthermore, in addition to their automatic operation by the passing of the train, Lionel Semaphores, Crossing Gates, Warning Bells and Train Controls can be operated from a switch tower at any distance from the track. Just think what this means! Picture the thrill of knowing that at your finger-tips you have the complete control of a railroad system. It is a thrill you can only experience with a Lionel. Remember that!

Lionel "Distant-Control" Locomotives and Train Outfits listed on the following pages are distinguished by the letter "E" after the catalog number.

Many of these wonderful "E" motors are of the Lionel "Bild-a-Loco" type. This "Bild-a-Loco" motor can be snapped out of the locomotive in a jiffy and taken down by the young engineer in a very few seconds. It means that you can oil and clean your entire motor, examine the construction, and learn more about electricity. The Lionel "Bild-a-Motor" is an engineering triumph. There are absolutely no wires to disconnect in taking it apart. The electrical contacts are automatic. It is only necessary to follow the simple instructions that go with each "Bild-a-Loco."

The illustrations in this catalog cannot give you a true idea

of Lionel quality. Go to your dealer and examine every part of a Lionel Train. Feel the solidity of it. That means sturdiness, strength! Note the glossy, brilliant smoothness of its enameled finish. Examine the details on the engine and cars, and you will find how thoroughly every particular is carried out. They are real trains in miniature. Strength, beauty and quality are built into every train with Lionel thoroughness.

That's why Lionel has been
"Standard of the World" since
1900!

Lionel has pioneered every outstanding
improvement in Model Electric Trains.



CONSTRUCTION OF LIONEL "O" GAUGE MOTORS

DRIVING GEARS ("A")—They are made of heavy steel blanks, machine-cut. They mesh without friction and are far superior to gears with punched teeth.

Field ("B")—The field is made of a number of specially prepared transformer steel laminations. This construction gives a much stronger field than if a single piece of steel were used.

Third Rail Shoe Support ("C")—Made of heavy fibre to which the third rail contact rollers are attached. Our construction protects rollers from injury, for the brackets can be bent against the fibre without disturbing the arc of the spring that gives them the correct tension against the third rail.

Wheels ("D")—Lionel was first to introduce die-cast wheels. They are absolutely balanced. A nickel-plated steel rim is forced over the tread of the wheel to insure long wear.

Collecting Shoes ("E")—They collect current from the third rail. They are made of *stainless steel* turnings and revolve on steel shafts which pass through phosphor bronze supports. They insure perfect contact with the third rail at all times so that locomotive will run at uniform speed.

Frame ("F")—Made of very heavy steel punchings, embodying great detail. Will withstand more than the ordinary amount of wear and tear.

Journals ("G")—Made of heavy brass, nickel-plated. Attached to the frames by mechanical means. They add greatly to the appearance of the structure.

Cowcatchers ("H")—The construction of the cowcatchers varies with the type of locomotive on which they are used. Many of them are part of the steel frame which is made in one piece, and others are heavy castings rigidly attached to the frame.

Flag Posts ("J")—All our locomotives are equipped with four flag posts, two at each end of the frame; a very realistic detail.

Tanks ("K")—These tanks are made of brass, nickel-plated, and are separable pieces attached to the frame, which further accentuates the great detail.

Lionel Automatic Couplers ("L")—Made of heavy steel, nickel-plated and polished. They are scientifically constructed so that cars cannot become detached when in motion, but are easily taken apart when desired. The new improved Lionel Coupler with invisible spring arrangement is a great advance over any similar device ever made.

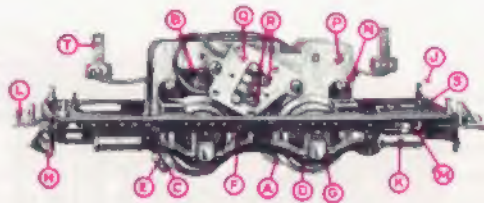
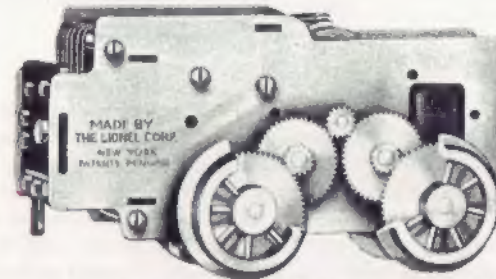


Illustration above shows the type of motor used in "O" Gauge Locomotives Nos. 248, 252 and 253 illustrated on Page 7. Full description of all working parts is given on this page.



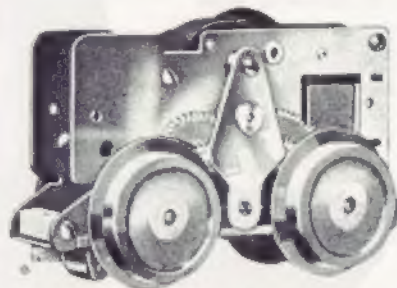
This "Distant-Control" Super-Motor is used in "O" Gauge Locomotives Nos. 254E and 251E. Super-Motor with hand reverse is used in "O" Gauge Locomotives Nos. 254 and 251.

THE NEW "O" GAUGE "DISTANT-CONTROL" SUPER-MOTOR

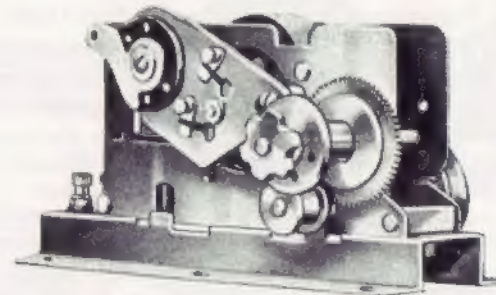
(Illustrated above, on the right hand side)

THIS marvelous new motor will haul twice as many cars as any other "O" Gauge Motor now on sale. The illustration shows some of the remarkable features that make this possible. Notice the new system of gearing which gives maximum hauling power with minimum current consumption.

The "Distant-Control" mechanism is built right into the motor, and is completely protected against injury. This new "O" Gauge Super-Motor, a triumph of engineering skill, is one of Lionel's greatest achievements.

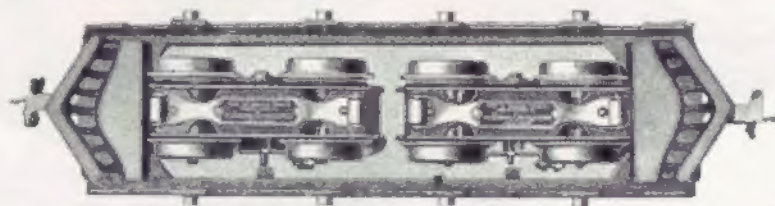


Above illustration shows the "O" Gauge "Bild-a-Loco" Motor used in Locomotives Nos. 4, 277, 258 and 260E.



Above illustration shows "Bild-a-Loco" converted into "Bild-a-Motor".

The marvelous new "Bild-a-Loco" and "Bild-a-Motor" are described on Page 3. Be sure to read about this revolutionary new departure in miniature motor construction.



Above illustration shows "O" Gauge Twin-Super-Motor chassis used in Locomotive No. 256. These twin-motors develop great hauling power and will pull a long train of cars with perfect ease. A larger illustration of the "O" Gauge Super-Motor is shown at the top of this page to the right.

Reversing Controllers ("M")—Lionel Reversing Controllers have been in use for many years during which time they have given thorough satisfaction. They are the only controllers in use that cannot get out of order. They operate very easily, and due to the brass cups and spring tension, good electrical contact is always made.

Frame Support ("N")—The frame is supported to the motor with only four screws. This simple method of construction was originally introduced by us in 1913. All parts of Lionel Locomotives can be easily reached for cleaning.

Side Plates ("P")—Made of heavy gauge steel and support all working parts. All bearing holes are reinforced with phosphor bronze bushings. The alignment of these holes is absolutely perfect so that gears work with minimum friction. All holes are drilled and reamed to proper diameter. The accuracy of these plates compares with the frame work of a very fine clock.

Brush Plate ("Q")—The unique construction permits rapid change of brushes after motor has been in use for a considerable period. The brushes fit in brass tubes. Two properly tempered steel springs give the correct pressure of the brush on the commutator until brushes are worn down to the end. Brushes are replaced by simply raising the springs, lifting up worn-out brushes and dropping in new ones.

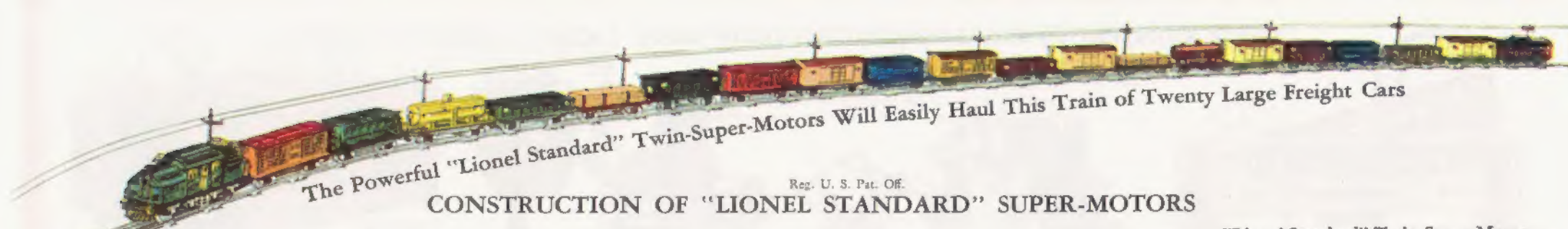
Brushes ("R")—We were the first manufacturers of model trains to equip our motors with combination gauze and graphite brushes that wear long and are self-lubricating.

Removable Locomotive Body ("S")—The bodies of all Lionel Locomotives are held in place on the frame with only two screws, one at each end of the locomotive. Supporting members are placed at several points of the frame that rigidly hold the body in place.

Headlight Connection ("T")—A new method originated by us. The fibre contact makes a permanent electrical connection and eliminates the possibility of broken wires.

Commutator—Made of bronze, and perfectly turned when connected to armature so that it is absolutely parallel with brushes. Commutator surface is polished so as to reduce all friction when in contact with brushes.

Armature—Made of specially prepared electrical sheets mounted on a drill rod shaft. It is perfectly insulated and wound with the correct amount of triple insulated wire.



The Powerful "Lionel Standard" Twin-Super-Motors Will Easily Haul This Train of Twenty Large Freight Cars

Reg. U. S. Pat. Off.

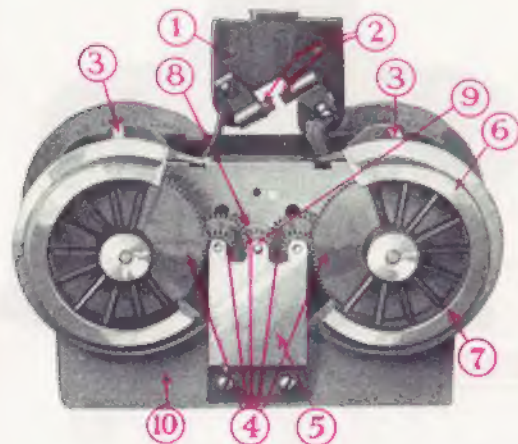
CONSTRUCTION OF "LIONEL STANDARD" SUPER-MOTORS

Removable Brush Holder (1)—By simply unscrewing one screw the entire brush holder can be removed from the motor. Change of brushes requires but an instant and the assembled part is replaced without the use of any tools.

Brushes (2)—Made of bronze and graphite which are self-lubricating. They insure long life to the commutator. They are



Above illustration shows "Lionel Standard" Twin-Super-Motors. Locomotive No. 408E is equipped with these powerful motors.



Side view of "Lionel Standard" Super-Motor. The many remarkable features of this motor are described on this page. This type of motor is installed in Locomotive Nos. 8, 9E, 10E and 318E.

contained in brass tubes and held in place by a simple spring arrangement which feeds brushes to commutator at the same pressure until used up.

Revolving Double Contact Shoes (3)—Are heavy stainless steel rollers, securely affixed to the flexible phosphor bronze plate, which insures the proper tension on the third rail and gives a steady flow of current to the motors. Complete shoe assembly is mounted on a heavy fibre plate and is rigidly attached to the motor frame.

New Gear Arrangement (4)—This new method of gearing is embodied only in Lionel Super-Motors. The seven gears in this new layout give the motor greater tractive power, and are almost frictionless. The gears are made of very heavy steel, and teeth are machine cut, not stamped.

Three-Point Armature Shaft Bearing (5)—The armature shaft revolves in three bearings—two of them are contained in the side plates of the motor and the third one in the plate that holds the gearing studs. This three-point bearing eliminates all vibration of the armature shaft, with the result that the commutator and brushes wear long and evenly.

Driving Wheels (6)—Are massive in construction and accurately die-cast. Their weight adds great tractive power to the motors.

Steel Tread on Wheels (7)—A steel tread beautifully nickel-plated and polished is forced over the rim, insuring longer wear and a smooth, even riding surface. Lionel originated this method of wheel construction. See illustration on Page 6.

Reinforced Bearings (8)—Six phosphor bronze bearings are contained in the side plates of the motor, insuring accurate alignment of the armature shaft and axles.

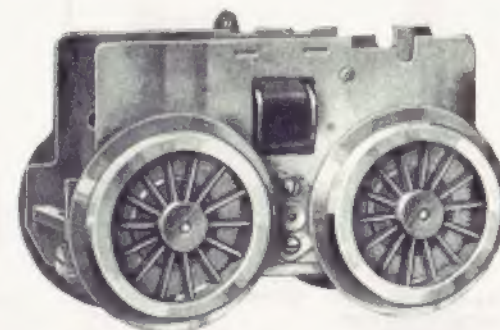
Armature—Made of laminated electrical steel punchings. It is automatically drum wound with triple-covered magnet wire, dipped in shellac and baked. The armature shaft (9) is made of the best quality drill rod.

Side Plates (10)—Made of heavy steel, with bronze bushings inserted for shaft and axles.

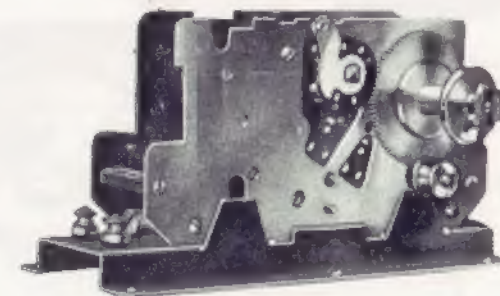
Field—Made of the highest grade electrical steel, correctly wound and scientifically designed.

Commutator—Made of heavy copper. The segments are perfectly insulated, making short-circuits impossible.

"Lionel Standard" Twin-Super-Motors—Illustration in the left hand column shows "Lionel Standard" Twin-Super-Motors attached to a heavy sheet steel chassis. No. 408E Twin-Super-Motor Locomotive also incorporates Lionel's famous "Distant-Control" unit described on Page 3. This locomotive can be started, stopped, reversed and operated at any speed at any distance from the track.



Above illustration shows "Lionel Standard" "Bild-a-Loce" motor installed in Locomotive Nos. 9E, 384, 384E, 381E and 390E. See page 3 for description of Lionel "Bild-a-Loce."



Above illustration shows "Lionel Standard" "Bild-a-Motor" converted into "Bild-a-Motor," an independent three-speed power motor described on page 3.

THESE CONSTRUCTIONAL FEATURES SHOW WHY LIONEL ALWAYS LEADS



WINDOW PANELS, DOORS AND SEATS
-A SEPARABLE PIECE INSERTED IN CAR BODY
U.S. PATENTS NO. 1272390 AND 1272391 - JULY 16, 1918



FINISHED CAR BODY SHOWING SEPARABLE PANEL
INSERTED U.S. PATENTS NO. 1272390 & 1272391 JULY 16, 1918



MACHINE-CUT HEAVY STEEL
GEARS - NOT PUNCHED



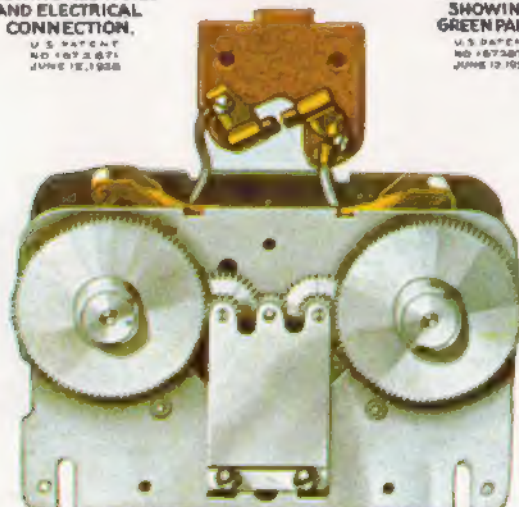
DIE-CAST HEADLIGHT
SHOWING RED PANEL
AND ELECTRICAL
CONNECTION.

U.S. PATENT
NO. 1,673,871
JUNE 12, 1928



VIEW OF
HEADLIGHT
SHOWING
GREEN PANEL

U.S. PATENT
NO. 1,673,871
JUNE 12, 1928



REMOVABLE BRUSH HOLDER CONTAINING SELF-LUBRICATING
AUTOMATIC-FEEDING BRUSHES U.S. PATENT NO. 1,673,871 - JUNE 12, 1928



"BILD-A-LOCO" or "BILD-A-MOTOR"
ASSEMBLED AND TAKEN APART
IN A FEW MOMENTS



OPERATING
PANTAGRAPHS



CONTROLLING UNITS FOR ELECTRICALLY
OPERATED TRACK SWITCHES PATENT PENDING

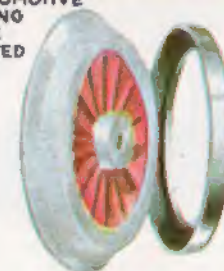


SEPARABLE
ETCHED BRASS
PANEL INSERTED IN
LOCOMOTIVE BODY

U.S. PATENTS NO.
1272390 & 1272391
JULY 16, 1918



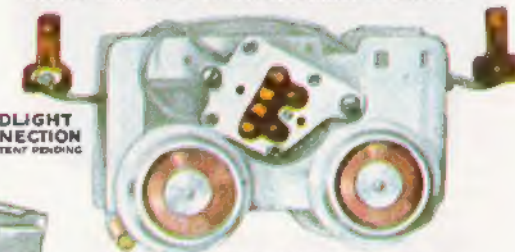
FINISHED LOCOMOTIVE
BODY SHOWING
SEPARABLE
PANEL INSERTED
U.S. PATENTS NO.
1272390 & 1272391
JULY 16, 1918



DIE-CAST WHEEL
WITH NICKED
STEEL RIM
U.S. RE-ISSUED PATENT
NO. 16321 - MAY 16, 1927

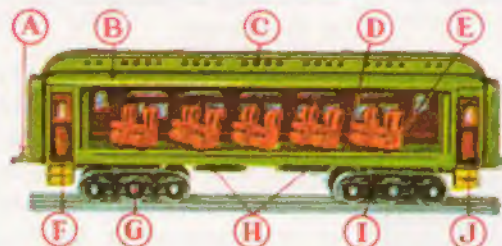


SIX-WHEEL TRUCK WITH NICKED JOURNALS



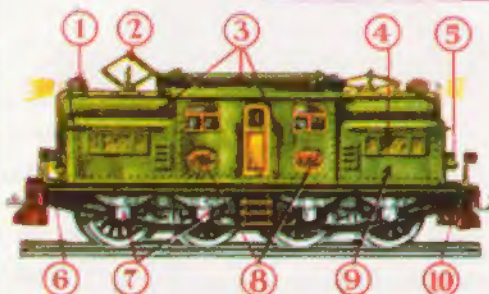
HEADLIGHT
CONNECTION
U.S. PATENT PENDING

SELF-LUBRICATING AUTOMATIC-FEEDING
BRUSHES IN "O" GAUGE MOTOR



- A—Automatic couplers.
- B—Removable roof.
- C—Colored transparencies in transom windows.
- D—Inserted window frames adding strength to car.
- E—Revolving parlor car chairs.
- F—Hinged doors.
- G—Nickled journals.
- H—Metal air tanks.
- I—Heavy steel truck frames.
- J—Brass steps.

Construction of Lionel Cars and Locomotives



- 1—Die cast headlights.
- 2—Operating pantographs.
- 3—Brass hand rails.
- 4—Inserted brass ventilators.
- 5—Green signal lights.
- 6—Heavy steel frame made in one piece.
- 7—Nickled journals.
- 8—Inserted brass panels.
- 9—Steel body studded with rivets.
- 10—Signal flags on solid brass posts and stanchions.

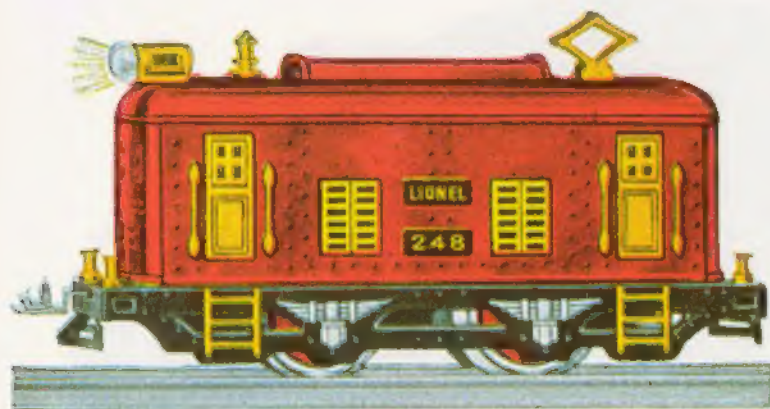


"LOCKON" CONNECTION
U.S. PATENT NO. 1,642,337 - JUNE 16, 1928



FIBRE SWITCH POINT WHICH PREVENTS SHORT-CIRCUITING OF TRACK
U.S. RE-ISSUED PATENT NO. 16380 - MARCH 29, 1927

LOCOMOTIVES FOR "O" GAUGE TRACK—1 $\frac{3}{8}$ INCHES WIDE

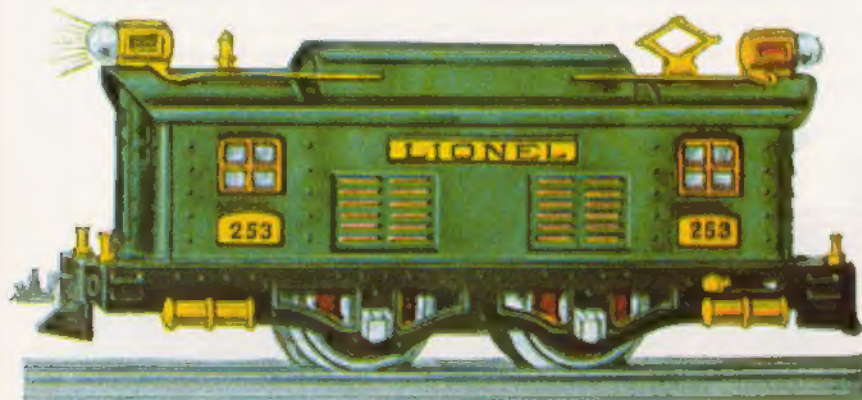


No. 248

No. 248—Beautifully finished by Lionel's permanent enameling process. A sturdy, electric locomotive, complete with electric headlight and pantagraph. Brass trim throughout with etched name plate. 7 $\frac{7}{8}$ inches long, 4 inches high. Can be used with Cars Nos. 529, 530, 629, 630, 803, 804, 805, 806, 807, 831 and 902.

Code Word "REGAL."

Price, \$6.00



No. 253

No. 253—A splendid New York Central type of locomotive. Equipped with reversing controller, and two electric headlights. Brass trimming. A beautiful, graceful type of locomotive. 9 inches long, 4 inches high. Can be used with Cars Nos. 607, 608, 803, 804, 805, 806, 807, 831 and 902.

Code Word "Fine."

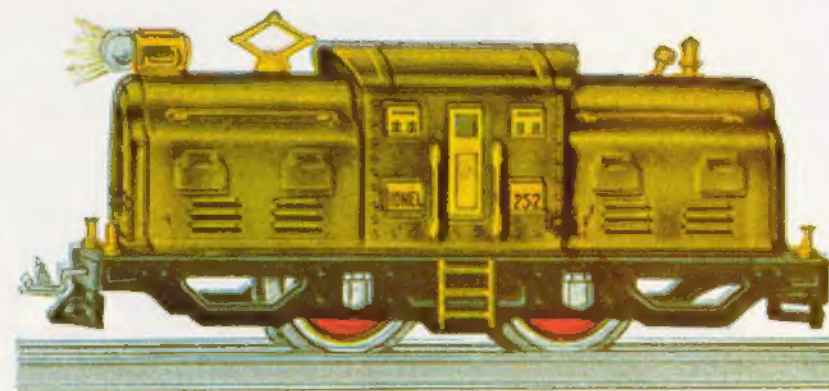
Price, \$9.50

LIONEL Locomotives, whether the smallest or the largest, whether electric type or steam type, are designed with one thought in mind—to develop as much hauling power as size permits, and to be absolutely free of operating difficulties. Machinecut gears in the motors, bronze bushings, and other refinements make the Lionel motor the best designed and longest lasting in the world. Each locomotive is an accurate copy of a real locomotive. All brass trimmings are genuine brass, and are not dipped. Many basic patents protect important exclusive Lionel features that will be found in no other trains.

No. 4 "Bild-a-LoCo" Locomotive—Same in appearance and size as No. 254 described to the right, but equipped with the famous Lionel "Bild-a-LoCo" motor—the motor that can be taken apart and reassembled in a few moments, or can be converted into a powerful "Bild-a-Motor" that can be used to operate many toys.

Code Word "URGE"

Price, \$15.75

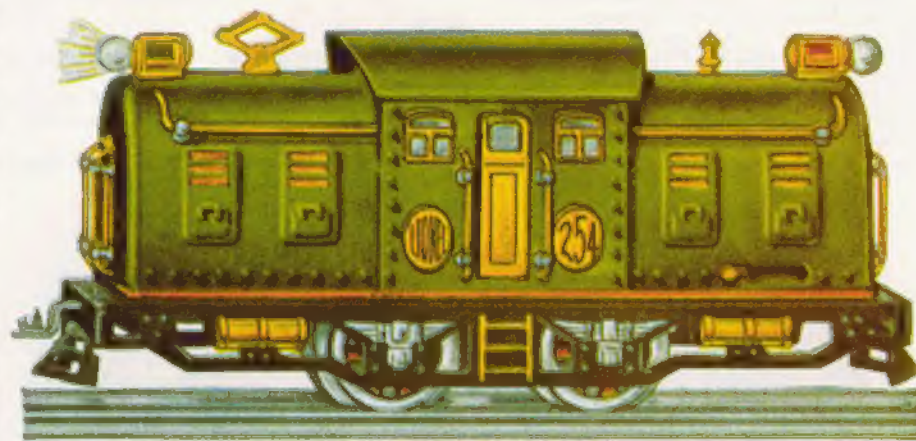


No. 252

No. 252—A reversing locomotive equipped with hand reversing lever and electric headlight. Permanent enamel finish and striped brass trim. 8 inches long, 3 $\frac{5}{8}$ inches high. Can be used with same cars as No. 248 locomotive.

Code Word "ELECT."

Price, \$8.50



Nos. 4, 254 and 254E

No. 254—Super-Motor Locomotive, equipped with reversing control and two electric headlights. 9 $\frac{1}{2}$ inches long, 4 $\frac{1}{4}$ inches high. Can be used with Cars Nos. 610, 612, and 810 to 817.

Code Word "MANY."

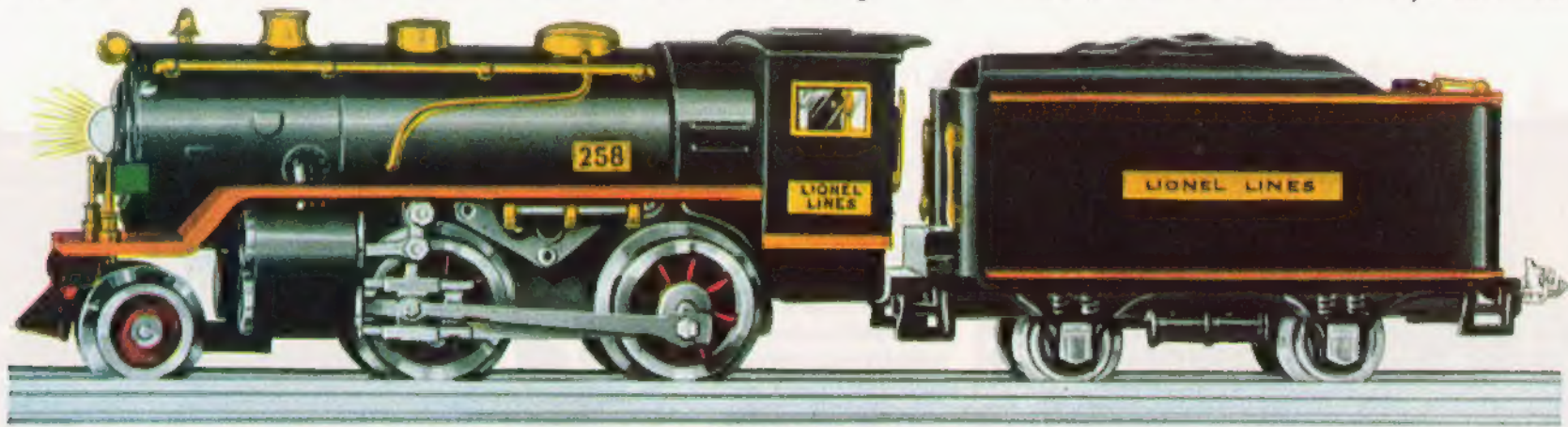
Price, \$12.00

No. 254E "Distant-Control" Super-Motor Locomotive—Same as No. 254, but can be started, stopped, reversed and operated at any speed at any distance from the track. No. 81 controlling rheostat supplied with it.

Code Word "GRIT."

Price, \$16.50

STEAM TYPE *and* ELECTRIC TYPE LOCOMOTIVES for "O" GAUGE TRACK—1 $\frac{3}{8}$ INCHES WIDE



Nos. 257 and 258

BOYS—HERE IS THE WORLD'S FINEST AND BEST DESIGNED LOW-PRICED STEAM TYPE LOCOMOTIVE.

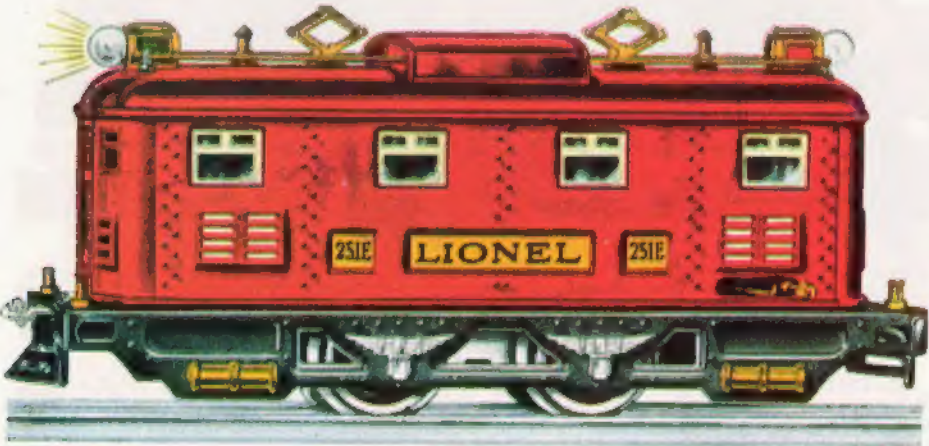
No. 258—A beautifully designed new "O" Gauge Steam Type Locomotive and Tender—With hand reversing lever. Equipped with pilot trucks, headlight, flags, brass hand rail, copper piping and double-action piston and driving rods. Locomotive is 8 inches long, 3 $\frac{1}{4}$ inches high. Tender is 6 inches long, 3 $\frac{1}{4}$ inches high. Complete length of locomotive and tender is 14 $\frac{1}{2}$ inches.
Code Word "HINDU." Price, \$11.50

No. 258-T Tender—Exactly as illustrated above, but with double trucks. This tender is supplied with Train Outfit No. 236 illustrated on Page 13, but may be purchased separately if desired.
Code Word "DOCKET." Price, \$1.65

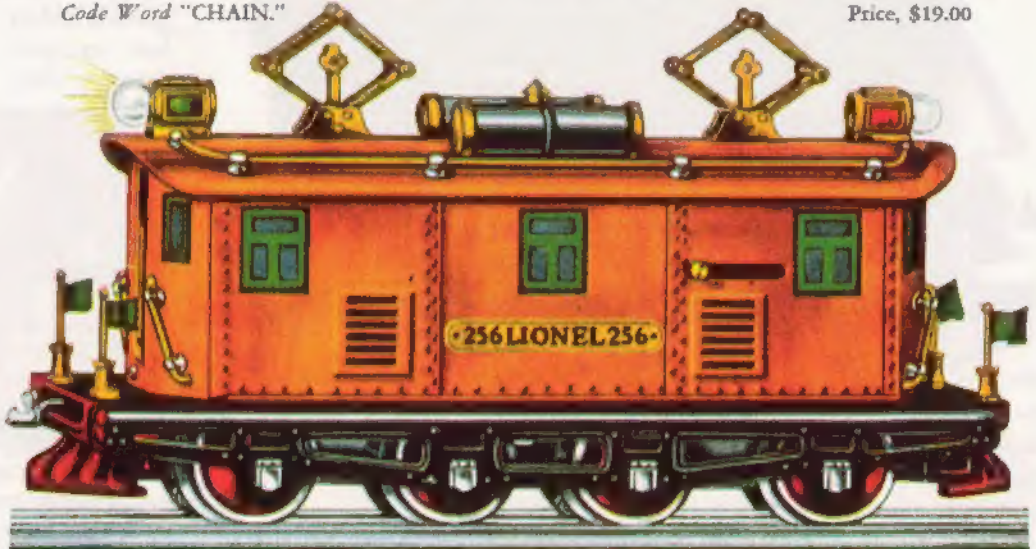
No. 257 "O" Gauge Steam Type Locomotive and Tender—Identical in every respect with No. 258, but is *non-reversible*. These locomotives are designed with a care and attention to detail that is usually not found in a locomotive of this price. Lionel leads the field in Steam Type Locomotives.
Code Word "DIVINE." Price, \$10.00

No. 251E—A Super-Motor Locomotive, equipped with "Distant-Control," which enables complete operation, forward or reverse at any distance from the track. Complete with No. 81 controlling rheostat. A splendid model of an electric type locomotive, with great hauling power. Expertly designed with a wealth of detail. Complete with two electric headlights and automatic couplers. 10 $\frac{1}{4}$ inches long, 4 $\frac{1}{2}$ inches high.
Code Word "GLORY." Price, \$20.00

No. 256 Twin-Super-Motor Locomotive—Improved model with operating pantographs, reversing control, two electric headlights and flags, and two motors—which means twice the hauling power. A powerful, sturdy brute of a locomotive. 11 $\frac{3}{8}$ inches long, 4 $\frac{3}{4}$ inches high.
Code Word "CHAIN." Price, \$19.00



No. 251E



No. 256

NEW LIONEL "O" GAUGE STEAM TYPE LOCOMOTIVE

(ELECTRICALLY OPERATED)

BOYS—here is the most remarkable "O" Gauge Steam Type Locomotive that has ever been produced. Dozens of blue prints and photographs of famous new locomotives from railroads all over the country were examined, and the best features of each were utilized by Lionel's Engineering Department in designing this locomotive. It is built for speed and power. It is low, long, graceful and sturdy. Complete with its Pacific type oil-burning tender it represents a miracle of model railroad engineering. This New Lionel "O" Gauge Steam Type Locomotive is

electrically-driven by the famous Lionel "Bild-a-LoCo" motor—the motor that snaps out in a jiffy, and then can be taken apart and quickly reassembled by any boy. It has an "E" type of remote control which enables the operator to start, stop and reverse the locomotive at any distance from the track by operating the control lever.

The rhythm of its double action pistons and driving rods is characteristic of a great "Mogul of the Rails". It will be the pride of every boy who owns one.

DETAILS OF CONSTRUCTION OF NO. 260E LOCOMOTIVE

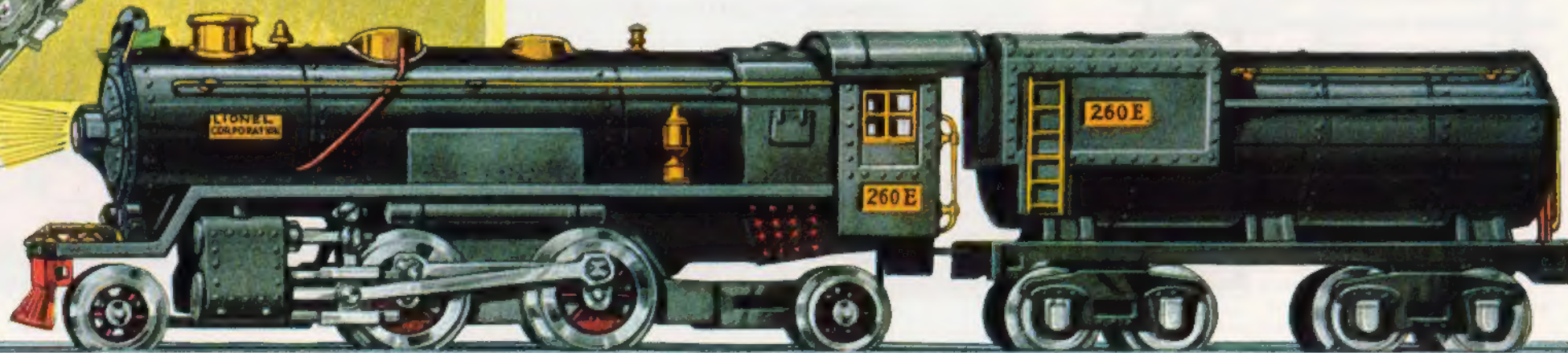
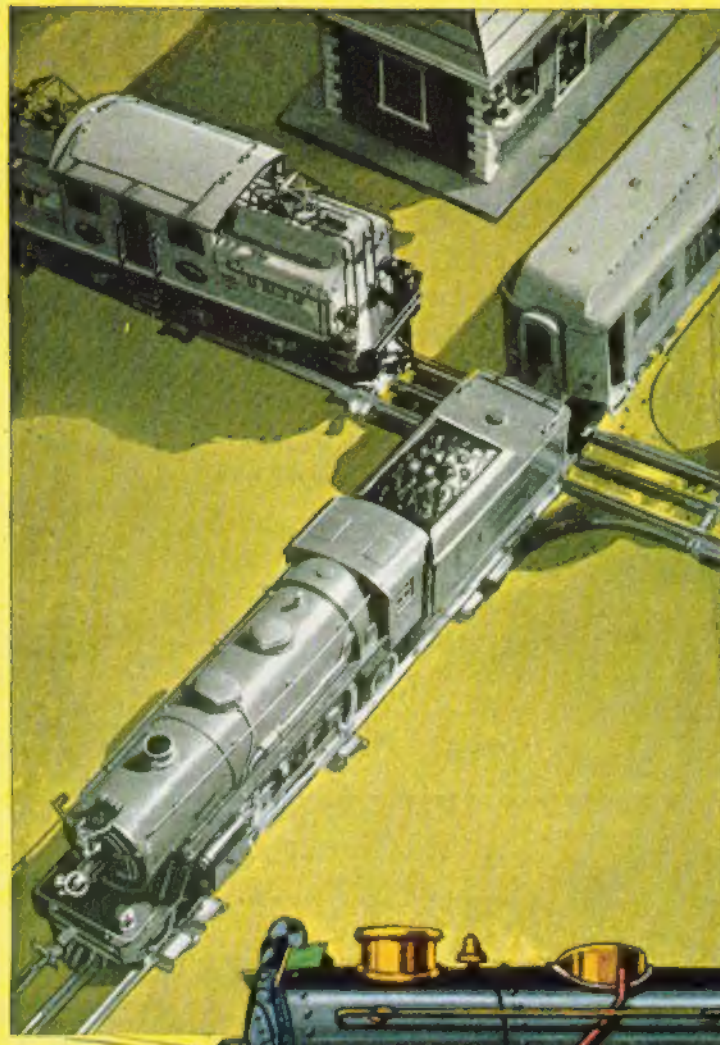
Locomotive is 11 inches long $3\frac{3}{4}$ inches high. Tender is $7\frac{1}{2}$ inches long, $3\frac{3}{4}$ inches high. Length over all 19 inches.

Locomotive has four driving wheels, and front and rear pilot trucks. Copper exhaust and steam pipes are most realistic. Brass hand rails add another elaborate touch. It is finished in beautiful black lustrous enamel. Headlight on the boiler front, two flags in position, warning bell, lanterns mounted on forward

platform above cowcatcher, all properly located in accordance with the most modern railroad construction. The tender has 8 wheels and is Pacific oil-burning type. Embossed rivets and nickel journal boxes are characteristic of Lionel's attention to the smallest details. Locomotive and tender are equipped with automatic couplers.

Code Word "PAUL,"

Price, \$21.50

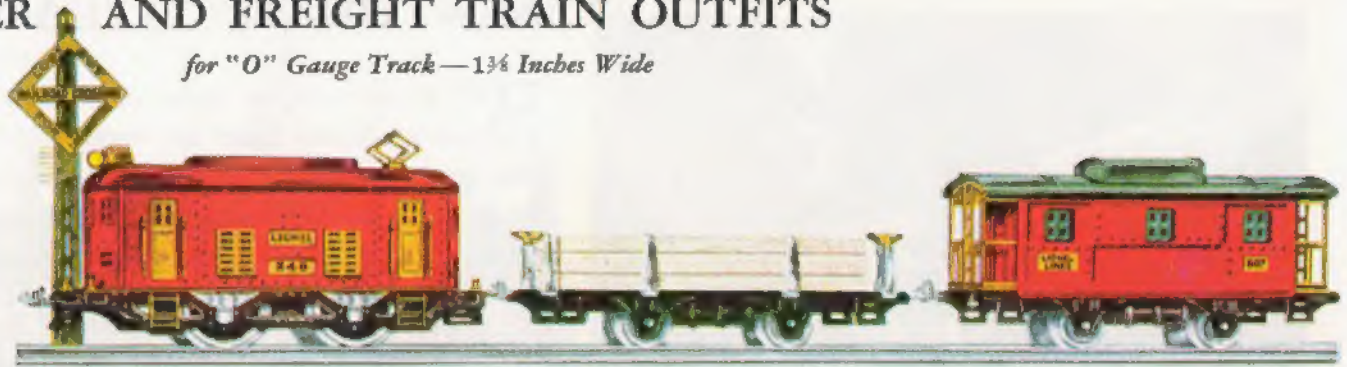


No. 260E

PASSENGER AND FREIGHT TRAIN OUTFITS

for "O" Gauge Track—1 $\frac{3}{4}$ Inches Wide

ALL LIONEL Train Outfits are complete with electric lamps for headlights, wires for connecting to transformer or batteries, sufficient track for complete layout and connecting ties for joining sections of track. The locomotive and cars are equipped with automatic couplers. A complete direction book is included in each outfit. Read the directions carefully. You will find them interesting, and they will help you to obtain the fullest enjoyment of your Lionel Train. Types A and B Transformers for alternating current are recommended for "O" Gauge Trains. No. 107 D.C. reducer is recommended for direct current. These are illustrated on Pages 36 and 37. A warning signal is included with all "O" Gauge Train Outfits. Remember, the smallest Lionel Train is manufactured with the same care and attention to detail as the largest and most expensive outfit. Many wonderful accessories for use with these trains are illustrated throughout the catalog. Add accessories and extra track, and your Lionel Train will be more realistic.



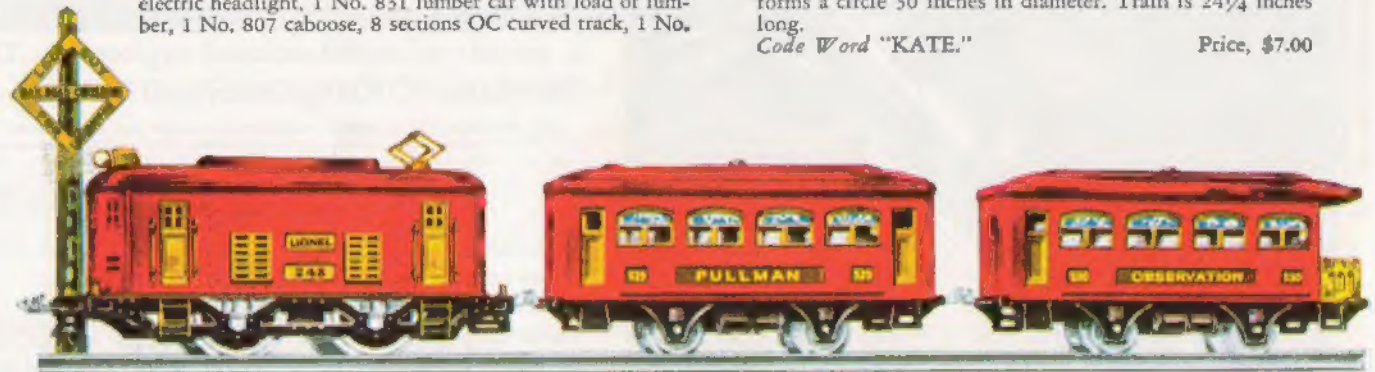
No. 249

Outfit No. 249—Comprises 1 No. 248 locomotive with electric headlight, 1 No. 831 lumber car with load of lumber, 1 No. 807 caboose, 8 sections OC curved track, 1 No.

068 warning signal, 1 OTC "Lockon" connection. Track forms a circle 30 inches in diameter. Train is 24 $\frac{1}{4}$ inches long.

Code Word "KATE."

Price, \$7.00



No. 292

Outfit No. 292—Comprises 1 No. 248 locomotive with electric headlight, 1 No. 629 Pullman car, 1 No. 630 observation car, 8 sections OC curved track, 1 No. 068 warn-

ing signal, 1 OTC "Lockon" connection. Track forms a circle 30 inches in diameter. Train is 24 $\frac{1}{4}$ inches long. Code Word "KEEN."

Price, \$7.00



No. 229

Outfit No. 229—Comprises 1 No. 257 Steam Type Locomotive and Tender, 1 No. 831 lumber car with load of lumber, 1 No. 807 caboose, 8 sections OC curved track, 2 sections OS straight track, 1 No. 068 warning

signal, 1 OTC "Lockon" connection. Track forms an oval 40 x 30 inches. Train is 30 $\frac{1}{2}$ inches long.

Code Word "SARA."

Price, \$11.25

PASSENGER AND FREIGHT TRAIN OUTFITS

for "O" Gauge Track—1½ Inches Wide

BOYS, you may now have a Steam Type Electrically driven "O" Gauge Locomotive Outfit, as well as an "O" Gauge Train equipped with an electric type locomotive. Both types are true models of real locomotives.



No. 232

Outfit No. 232. "O" Gauge Passenger Outfit. Comprises 1 No. 257 Steam Type Locomotive and Tender, 1 No. 629 Pullman car, 1 No. 630 observation car, 8 sections OC curved track, 2 sections OS straight

track, 1 No. 068 warning signal, 1 OTC "Lockon" connection. Track forms an oval 40 x 30 inches. Train is 30½ inches long.
Code Word "LONG." Price, \$11.25



No. 294

Outfit No. 294.—Comprises 1 No. 252 reversible locomotive with electric headlight, 2 No. 529 Pullman cars, 1 No. 530 observation car, 8 sections OC curved track, 2 sections OS straight track, 1 No.

068 warning signal, 1 OTC "Lockon" connection. Track forms an oval 40 by 30 inches. Train is 32½ inches long.
Code Word "CORN." Price, \$10.25



No. 234

Outfit No. 234. "O" Gauge Passenger Outfit. Comprises 1 No. 258 reversible Steam Type Locomotive and Tender, 2 No. 529 Pullman cars, 1 No. 530 observation car, 8 sections OC curved track, 4 sections OS straight track,

1 No. 068 warning signal, 1 OTC "Lockon" connection. Track forms an oval 50 x 30 inches. Train is 38½ inches long
Code Word "RACE." Price, \$12.75

PASSENGER AND FREIGHT TRAIN OUTFITS

for "O" Gauge Track—1½ Inches Wide

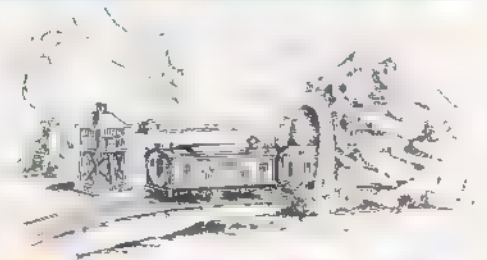
ALL Passenger Cars, from this page forward, are electrically lighted. This is, of course, a realistic touch, but most important to make your train layout real is to add accessories, such as, crossing gates, warning signals, semaphores, additional track, switches, stations, lamp posts, etc. All these are found on a real railroad, and you want your own railroad to be real.



Outfit No. 296—Comprises 1 No. 253 reversible locomotive with 2 electric headlights, 2 No. 607 illuminated Pullman cars, 1 No. 608 illuminated observation car, 8 sections OC curved track, 4 sections OS straight track, 1 No. 068 warning signal, 1 OTC "Lockon" connection. Track forms an oval 50 by 30 inches. Train is 36 inches long.

Code Word "DART."

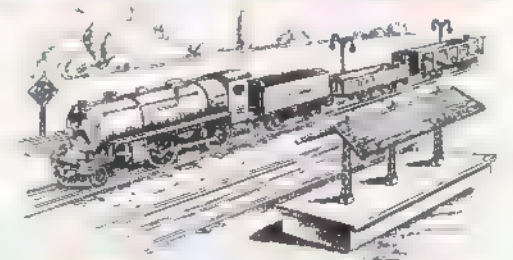
Price, \$12.75



Outfit No. 293—Comprises 1 No. 252 reversible locomotive with electric headlight, 1 No. 803 coal car, 1 No. 804 oil car, 1 No. 805 box car, 1 No. 807 caboose, 8 sections OC curved track, 2 sections OS straight track, 1 No. 068 warning signal, 1 OTC "Lockon" connection. Track forms an oval 40 by 30 inches. Train is 40¼ inches long.

Code Word "UPTON."

Price, \$11.25



No. 233. "O" Gauge Freight Outfit. Comprises 1 No. 258 reversible steam type locomotive and tender, 1 No. 902 gondola car, 1 No. 803 coal car, 1 No. 804 oil car, 1 No. 806 cattle car, 1 No. 807 caboose, 8 sections OC curved track 4 sections OS

straight track, 1 OTC "Lockon" connection, 1 No. 068 warning signal. Track forms an oval 50 x 30 inches. Train is 55 inches long.

Code Word "TONY."

Price, \$15.50

PASSENGER AND FREIGHT TRAIN OUTFITS

for "O" Gauge Track—1½ Inches Wide

EVERY Lionel Electric Train that you buy can be made into a most elaborate complete railroad. As you add extra track, switches, signals, stations, etc., you will find your electric train growing under your eyes into a railroad system. On Page 47 of this catalog you will find several suggestions for intricate track layouts. Be guided by this and use your own ingenuity, and you will be able to obtain so much more educational pleasure out of your Lionel Electric Train.



Nos. 266 and 266E

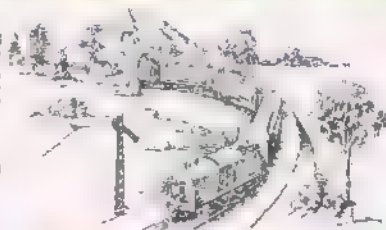
Outfit No. 266—Comprises 1 No. 254 Super-Motor reversible locomotive with 2 electric headlights, 2 No. 610 illuminated Pullman cars, 1 No. 612 illuminated observation car, 8 sections OC curved track, 6 sections OS straight track, 1 No. 068 warning signal, 1 OTC "Lockon" connection. Track forms an oval 60 by 30 inches. Train is 40½ inches long.
Code Word "HEAD."

Price, \$16.50

No. 266E "Distant-Control" Passenger Train Outfit—Same as No. 266 except that it contains No. 254E "Distant-Control" Super-Motor Locomotive which can be started, stopped reversed and operated at any speed at any distance from the track by means of No. 81 controlling rheostat supplied with it.

Code Word "ILION."

Price, \$20.00



Nos. 295 and 295E

Outfit No. 295—Comprises 1 No. 254 reversible locomotive with 2 electric headlights, 1 No. 811 lumber car with load of lumber, 1 No. 812 gondola car, 1 No. 817 caboose, 8 sections OC curved track, 4 sections OS straight track, 1 No. 068 warning signal, 1 OTC "Lockon" connection. Track forms an oval 50 by 30 inches. Train is 41 inches long.
Code Word "MANDEL."

Price \$15.00

Outfit No. 295E—Same as No. 295, except that it contains No. 254E "Distant-Control" locomotive, which can be started, stopped, reversed and operated at any speed at any distance from the track, by means of No. 81 controlling rheostat supplied with it.

Code Word "FRANKEL."

Price, \$18.50



No. 236

Outfit No. 236—Comprises 1 No. 258 reversible Steam Type Locomotive and Tender, 2 No. 607 illuminated Pullman cars, 1 No. 608 illuminated observation car, 8 sections

OC curved track, 4 sections OS straight track, 1 OTC "Lockon" connection, 1 No. 068 warning signal. Track forms an oval 50 by 30 inches. Train is 42 inches long.
Code Word "CYRIL."

Price, \$16.50

PASSENGER AND FREIGHT TRAIN OUTFITS

for "O" Gauge Track—1 3/4 Inches Wide

EVERY real railroad has stations, telegraph poles, automatic signals, switches and various other equipment. Make your Lionel Train as realistic as possible. Continually add to your set. Make your layout large. Make it more interesting. It is only by doing these things that you can obtain the full enjoyment with your Lionel Train.



Nos. 97 and 97B

Outfit No. 97—Comprises 1 No. 251 Super-Motor Reversible Locomotive with 2 electric headlights, 2 No. 605 illuminated Pullman cars, 1 No. 606 illuminated observation car, 8 sections OC curved track, 8 sections OS straight track, 1 No. 068 warning signal, 1 OTC "Lockon" connection. Track forms an oval 70 by 30 inches. Train is 49 1/4 inches long.

Code Word "EXCEL."

Price, \$18.50

No. 97E—"Distant-Control" Passenger Train Outfit—Same as No. 97, but it contains No. 251E "Distant-Control" Super-Motor Locomotive, which can be started, stopped, reversed and operated at any speed at any distance from the track by means of No. 81 controlling rheostat supplied with it.

Code Word "JUST."

Price, \$22.50



Nos. 299 and 299E

Outfit No. 299—Comprises 1 No. 251 locomotive, 1 No. 812 gondola car, 1 No. 813 cattle car, 1 No. 814 box car, 1 No. 817 caboose, 8 sections OC curved track, 6 sections OS straight track, 1 No. 068 warning signal, 1 OTC "Lockon" connection. Track forms an oval 60 x 30 inches. Train is 52 3/4 inches long.

Code Word "FLORA."

Price, \$18.50

Outfit No. 299E—"O" Gauge Freight Outfit—Same as No. 299, except that it contains No. 251E "Distant-Control" locomotive, which can be started, stopped, reversed and operated at any speed at any distance from the track, by means of No. 81 controlling rheostat supplied with it.

Code Word "QUILL."

Price, \$22.50



No. 239E

Outfit No. 239E—"O" Gauge "Distant-Control" Freight Outfit—An outstanding outfit with an exceptionally powerful and realistic new locomotive. Comprises 1 No. 260E "Distant-Control" Steam Type Locomotive and Tender, 1 No. 812 gondola car, 1 No. 813 cattle car, 1 No. 814 box car, 1 No. 815 oil car, 1 No. 817 caboose, 8 sections OC curved track, 8

sections OS straight track, 1 OTC "Lockon" connection, 1 No. 068 warning signal, 1 No. 81 controlling rheostat. Track forms an oval 70 x 30 inches. Train is 70 inches long.

Code Word "JURY."

Price, \$25.00

PASSENGER AND FREIGHT TRAIN OUTFITS

for "O" Gauge Track—1 1/4 Inches Wide

LIONEL Trains are real
Trains in miniature.
Every practical feature
that would aid in the
operation and realistic
appearance of Lionel
Trains has been incorpo-
rated by our engineers.
If you want realism then
you surely must have a
Lionel Train.



No. 267

Outfit No. 267—"O" Gauge Passenger Outfit with "Bild-a-Loco" Locomotive—Complete with extra gears and base. All the fun of a Lionel Railroad combined with the added features of a Lionel "Bild-a-Loco," that can be taken apart and reassembled in a few moments. With the additional gears and base you can take your motor out of the frame and assemble it into a stationary power motor for operating a derrick or shafung. Outfit comprises 1 No. 4 reversible "Bild-

a-Loco" with 2 electric headlights, 1 No. 043 gear set, 2 No. 605 illuminated Pullman cars, 1 No. 606 illuminated observation car, 8 sections OC curved track, 8 sections OS straight track, 1 No. 068 warning signal, 1 OTC "Lockon" connection. Track forms an oval 70 by 30 inches. Attractively enameled in a rich orange color.
Code Word "GLEAM."

Price, \$21.50



No. 241E

Outfit No. 241E—Lionel's Outstanding "O" Gauge Passenger Train—Comprises 1 No. 260E "Distant-Control" Steam Type Locomotive and Tender, 2 No. 710 illuminated Pullman cars, 1 No. 712 illuminated observation car, 8 sections OC curved track, 8 sections OS straight track,

1 OTC "Lockon" connection, 1 No. 068 warning signal, 1 No. 81 rheostat. Track forms an oval 70 x 30 inches. Train is 57 inches long.

Code Word "CREAM."

Price, \$27.50



No. 240E

Outfit No. 240E—"O" Gauge Work Train—Outfit includes new "O" Gauge Derrick Car. Comprises 1 No. 260E "Distant-Control" Steam Type Locomotive and Tender, 1 No. 811 lumber car with load of lumber, 1 No. 810 operating derrick car, 1 No. 812 gondola car with tools, 1 No. 817 caboose, 8 sections OC curved track, 8 sections OS straight track,

1 OTC "Lockon" connection, 1 No. 068 warning signal, 1 No. 81 controlling rheostat. Track forms an oval 70 x 30 inches. Train is 60 inches long.

Code Word "SWEET."

Price, \$30.00

COMPLETE RAILROADS FOR "O" GAUGE TRACK. 1 $\frac{3}{8}$ INCHES WIDE



No. 174

NO. 174 Outfit shown above is a complete model railroad to operate on "O" Gauge Track. It includes a large variety of accessories. Every piece is of steel construction and enameled by Lionel's own lustrous and lasting process.

Outfit No. 174 comprises 1 No. 253 reversible locomotive with two electric headlights, 2 No. 607 Illuminated Pullman cars, 1 No. 608 illuminated observation car, 10 sections OC curved track, 6 sections OS straight track, 1 OTC "Lockon" connection, 1 pair No. 021 illuminated switches (one right, one left), 1 No. 106 bridge (3 sections), 1 No. 122 illuminated station, 6 No. 060 telegraph posts with extension arms, 1 No. 62 semaphore, 1 No. 89 flag staff, 1 No. 068 warning signal, 1 No. 119 tunnel. Size of track layout 45 by 60 inches. Train is 35 $\frac{1}{2}$ inches long.

Code Word "DELA."

Price, \$40.00



No. 176E

A NEW COMPLETE "O" GAUGE "DISTANT-CONTROL" RAILROAD

NO. 176E—Introduced to fill the demand for a complete 100% "Distant-Control" "O" Gauge Railroad at a moderate price. The train can be started, stopped, reversed and operated at any speed at any distance from the track. The electric switches can also be controlled at any distance from the track. The No. 437 Switch Tower contains levers by which the Railroad can be operated, and lamp posts illuminated. This is an ideal Lionel Railroad to fit into a small space.

Outfit comprises 1 No. 260E "Distant-Control" steam type locomotive with electric headlight, 2 No. 710 illuminated Pullman cars, 1 No. 712 illuminated observation car, 1 No. 080 semaphore,

1 No. 069 warning signal, 1 No. 90 flag staff, 1 No. 106 bridge, 1 pair No. 012 electrically-controlled switches, 1 No. 437 signal tower, 1 No. 119L illuminated tunnel, 2 No. 56 lamp posts, 8 No. 060 telegraph posts with extension arms, 1 No. 81 controlling rheostat, 1 OTC "Lockon" connection, 10 sections OC curved track, 16 sections OS straight track. Complete with wires for connecting to source of current, "Lockon" connections, track on bridge, and special track for electric accessories. Track layout is 100 inches by 40 inches. Train is 57 inches long.

Code Word "JANE."

Price, \$72.50

STEAM TYPE LOCOMOTIVES

(Electrically Driven)

For "Lionel Standard" Track—2¼ Inches Wide

LIONEL Steam Type Locomotives are by far the most perfect of their type ever offered to the boys of America. They transcend in beauty of design, and in electrical and mechanical perfection any model Steam Type Locomotives that have ever been made. Powered by the famous Lionel "Bild-a-LoCo" motors—vibrating with realism and tremendous power,—they are miniatures of the great "Giants of the Rails"!

Lionel perfection—attention to minute details—those outstanding Lionel characteristics make the new Steam Type Locomotives a real achievement.



No. 390E STEAM TYPE LOCOMOTIVE

Locomotive—14 inches long, 5 inches high. Tender—8¼ inches long, 4½ inches high. Length over all 22¼ inches.

Locomotive has four driving wheels and front and rear pilot trucks. Copper exhaust and steam pipes, brass handrails, and headlight mounted on front boiler suggest realism.

The finish is a beautiful black enamel baked on at high temperature.

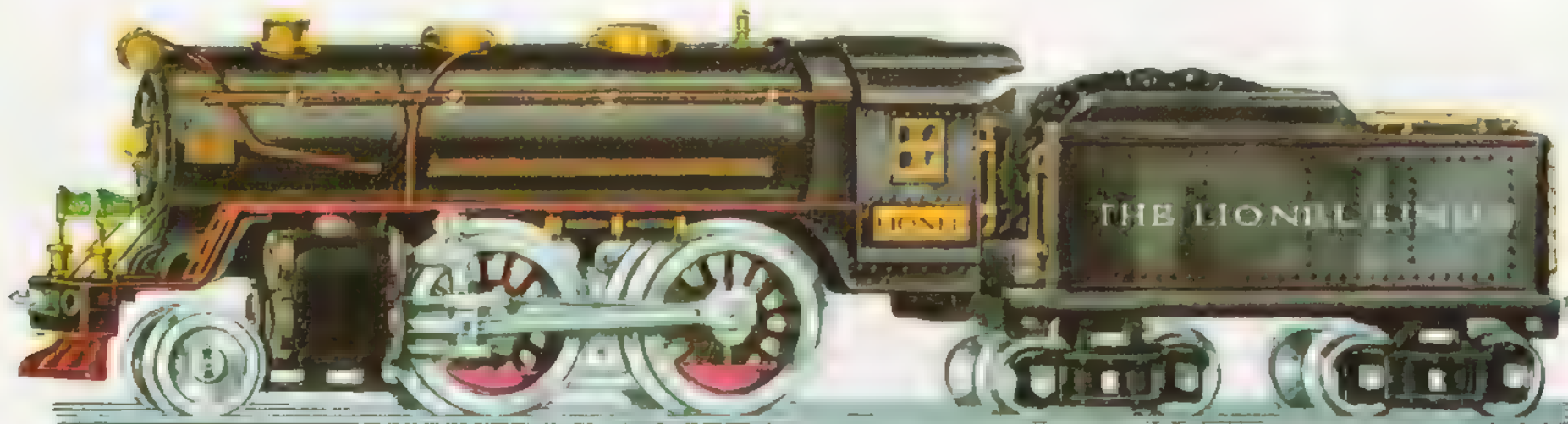
Locomotive is equipped with "Distant Control" unit so that it can be started, stopped, reversed and operated at any speed at any distance from the track. Complete with No. 81 Controlling Rheostat, headlight bulb and flags.

Code Word "TONE."

Price, \$35.00

"LIONEL STANDARD" LOCOMOTIVES—DISTINCTIVE! SPEEDY! POWERFUL!

For "Lionel Standard" Track— $2\frac{1}{4}$ inches wide



A junior rival of Lionel's Larger Steam Type Locomotive. Powerful, beautifully constructed and designed, it is intended for use with Lionel's medium size "Lionel Standard" Passenger and Freight Cars. It is a real locomotive in all but size. Powered by the famous Lionel "Bld-a-LoCo" motor, the motor that can be snapped out in a jiffy without the use of any tools.

Trimmings are of heavy brass and copper. Complete with flags and headlight.

No. 384. "Lionel Standard" Hand Control Steam Type Locomotive and Tender. Locomotive is 12 inches long, $4\frac{1}{2}$ inches high. Tender is $8\frac{1}{4}$ inches long, $4\frac{1}{2}$ inches high. Complete length of locomotive and tender is $20\frac{1}{4}$ inches.

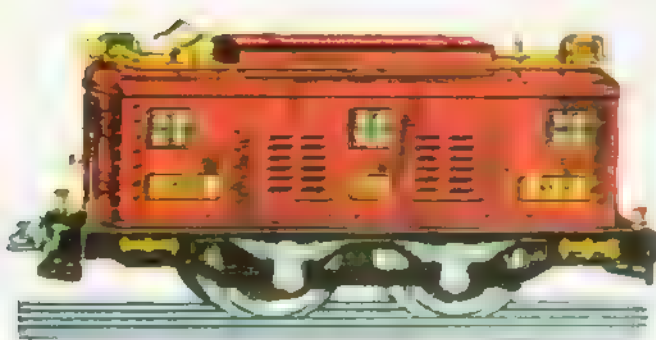
Code Word "PUFF."

Price, \$22.50

No. 384E. "Lionel Standard" "Distant-Control" Steam Type Locomotive and Tender. Similar to No. 384 but equipped with the "Distant-Control" mechanism. Complete with No. 81 Controlling Rheostat, by means of which "Distant-Control" mechanism is operated.

Code Word "PURSE."

Price, \$27.50



No. 8 "Lionel Standard" Super-Motor Reversible Locomotive—11 inches long, $4\frac{3}{4}$ inches high.

Code Word "POWER."

Price, \$12.25

No. 8E. "Lionel Standard" "Distant-Control" Super-Motor Locomotive. Similar to No. 8 but equipped with the "Distant-Control" mechanism. Complete with No. 81 Controlling Rheostat, by means of which "Distant-Control" mechanism is operated.

Code Word "PEPPY."

Price, \$18.50



No. 10E "Lionel Standard" "Distant-Control" Super-Motor Locomotive—A splendid Chicago, Milwaukee and St. Paul type of locomotive. All trimmings are of genuine heavy gauge brass. Locomotive is complete with automatic couplers and two headlights. $11\frac{3}{8}$ inches long, 5 inches high. Equipped with "Distant-Control" mechanism. Complete with No. 81 Controlling Rheostat, by means of which "Distant-Control" mechanism is operated.

Code Word "SELF."

Price, \$21.00



No. 318E "Lionel Standard" "Distant-Control" Super Motor Locomotive—This is a powerful locomotive and will pull many more cars than its standard equipment. Finished in a marvelous new two-tone enamel. Complete with two headlights. $12\frac{1}{8}$ inches long, $5\frac{1}{8}$ inches high. Equipped with "Distant-Control" mechanism. Complete with No. 81 Controlling Rheostat, by means of which "Distant-Control" mechanism is operated.

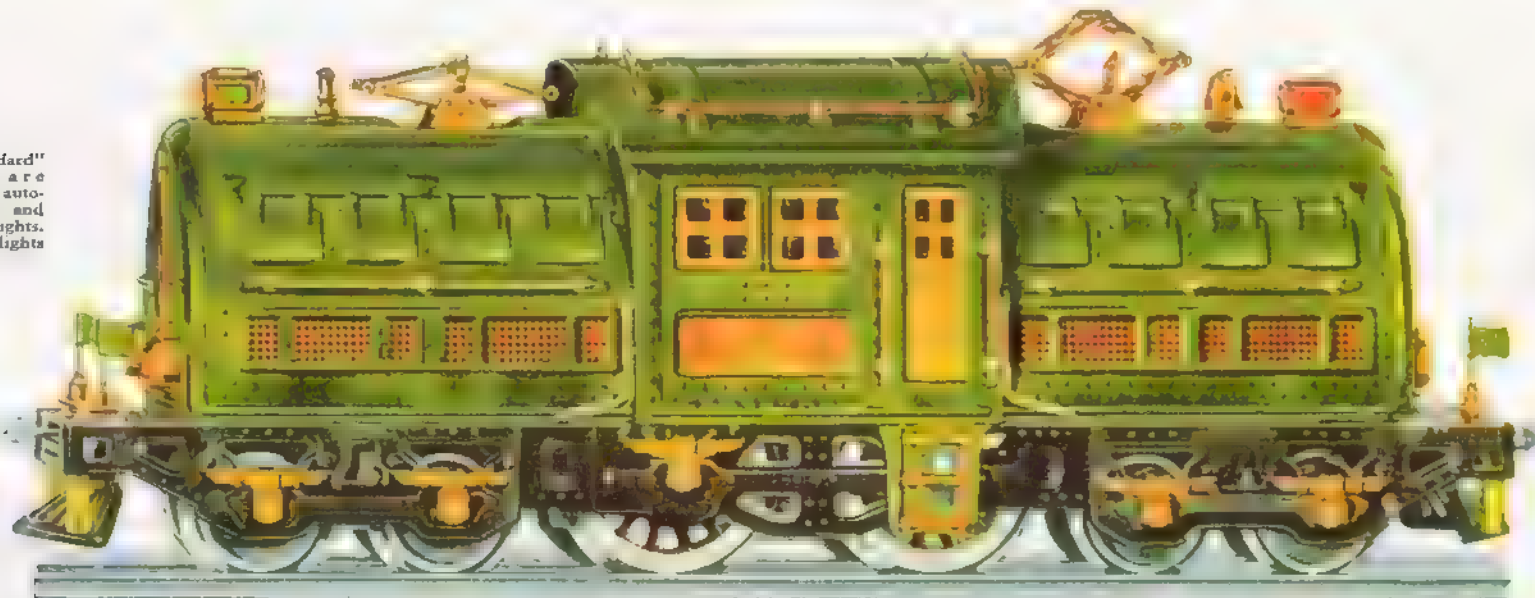
Code Word "MOVE."

Price, \$23.75

"LIONEL STANDARD" "BILD-A-LOCO" AND TWIN SUPER-MOTOR LOCOMOTIVES

For "Lionel Standard" Track—2¼ inches wide

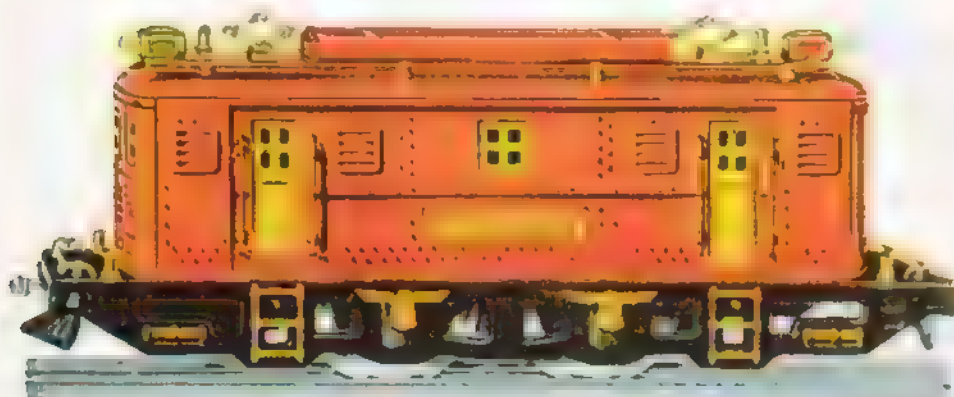
All "Lionel Standard" Locomotives are equipped with automatic couplers and two electric headlights. Lamps for headlights are included.



No. 381E "Distant-Control" "Bild-a-LoCo" Locomotive for "Lionel Standard" Track. This locomotive is the most elaborate in the Lionel Line. The illustration shows the great detail incorporated in it, and special mention is made of the construction of the two-4-wheel pilot trucks which will not derail even when the locomotive is traveling at a high rate of speed. The "Bild a LoCo" motor and "Distant-Control" mechanism can be removed from the body in a jiffy. The boy can at will take down and rebuild this motor within a few minutes. It is not amiss to repeat that all parts are so accurately made that no difficulty will be experienced in setting it up, and

there is not a single wire to be connected, as all electrical contacts are automatically made. It is extremely efficient and powerful enough to haul many of the largest Pullman or freight cars with the greatest ease. This supreme model can be seen in conjunction with our finest Pullman cars on Pages 24 and 25. Size 18 inches long, 6½ inches high. Includes No. 81 Controlling Rheostat and two electric headlights.

Code Word "ULTI." Price, \$44.50



No. 9E "Distant-Control" "Bild-a-LoCo" Locomotive for "Lionel Standard" Track. In addition to the interesting design of the "Bild a-LoCo" motor, this locomotive also contains our "Distant-Control" unit which makes it possible to start, stop and reverse the locomotive at any distance from the track. The body is beautifully designed and incorporates many features that are typically Lionel. Locomotive contains two electric headlights so arranged that the front one is always illuminated irrespective of the direction in which the locomotive is traveling. This locomotive is equipped with automatic couplers. It measures 14½ inches long, 6¼ inches high. No. 81 controlling rheostat is included.

Code Word "UTTER."

Price, \$28.75



No. 408E "Lionel Standard" Twin-Super-Motor "Distant-Control" Locomotive. The illustration clearly shows the great amount of realistic details incorporated in it. Many of the constructional features are indicated on Page 6. Attention is directed to the operating pantographs, illuminated signal lanterns, front and rear flags, brass hand rails, copper exhaust pipes, etc. This locomotive is equipped with "Distant-Control" mechanism, which enables the user to start, stop, reverse and operate it at any speed at any distance from the track by means of No. 81 controlling rheostat supplied with it. Size 17 inches long, 6½ inches high to top of pantograph. Complete with flags, headlight lamps and lamps for front and rear lanterns.

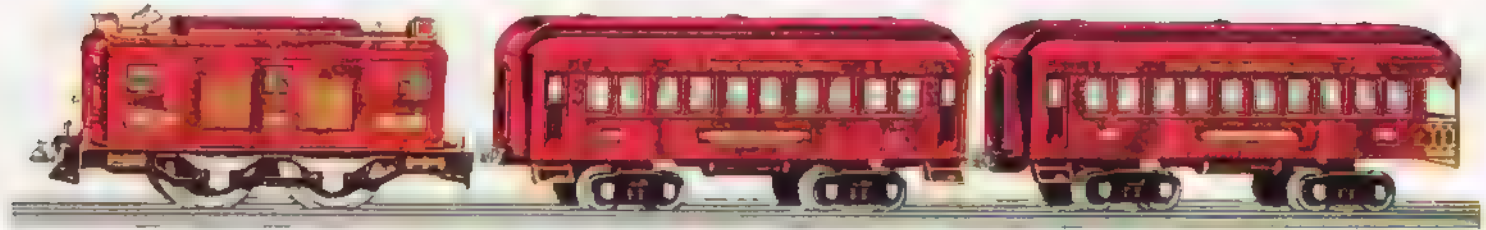
Code Word "FAST."

Price, \$47.50

PASSENGER AND FREIGHT TRAIN OUTFITS

for "Lionel Standard" Track—2 1/4 Inches Wide

LIONEL Train Outfits are complete in every respect. Lamps for headlights and passenger cars are supplied with every outfit; also wires for transformer or battery connection and connecting ties for joining sections of track.



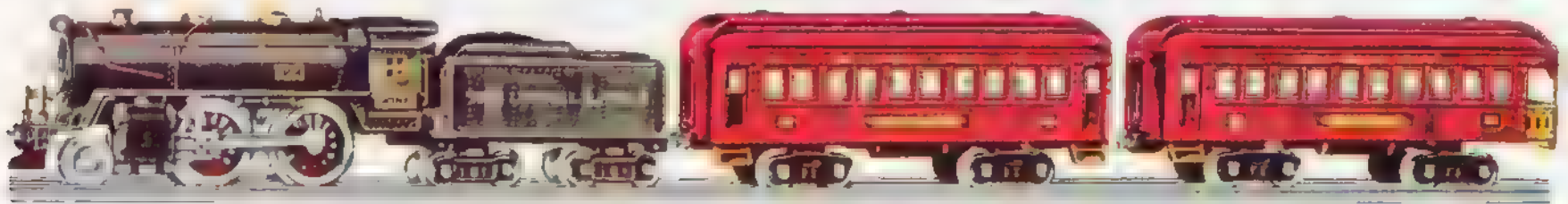
Nos. 347 and 347E

Outfit No. 347—Comprises 1 No. 8 Super-Motor reversible locomotive with 2 electric headlights, 1 No. 337 illuminated Pullman car, 1 No. 338 illuminated observation car, 8 sections C curved track, 2 sections S straight track, 1 STC "Lockon" connection. Track forms an oval 56 by 42 inches. Train is 38 1/2 inches long.
Code Word "ZENA."

Price, \$19.00

Outfit No. 347E—Same as No. 347, except that it contains No. 8E "Distant-Control" Super Motor locomotive, which can be started, stopped, reversed and operated at any speed at any distance from the track by means of No. 81 controlling rheostat supplied with it.
Code Word "GLIDE."

Price, \$23.75



Nos. 385 and 385E

Outfit No. 385, "Lionel Standard" Passenger Outfit. Greatest value ever shown in a steam type outfit. Comprises 1 No. 384 locomotive and tender, 1 No. 337 illuminated Pullman car, 1 No. 338 illuminated observation car, 8 sections C curved track, 2 sections S straight track, 1 STC "Lockon" connection. Track forms an oval 56 x 42 inches. Train is 47 1/2 inches long.
Code Word "HENRY."

Price, \$27.50

Outfit No. 385E, "Lionel Standard" "Distant Control" Passenger Outfit. Similar to No. 385, except that it contains No. 384E locomotive, which can be started, stopped, reversed and operated at any speed at any distance from the track by means of No. 81 controlling rheostat supplied with it.
Code Word "LEE."

Price, \$32.50



Nos. 353 and 353E

Outfit No. 353—Comprises 1 No. 8 Super Motor reversible locomotive with 2 electric headlights, 1 No. 511 lumber car with load of lumber, 1 No. 517 gondola car, 1 No. 517 illuminated caboose, 8 sections C curved track, 2 sections S straight track, 1 STC "Lockon" connection. Track forms an oval 56 by 42 inches. Train is 50 1/4 inches long.
Code Word "JACK."

Price, \$20.00

Outfit No. 353E—Same as No. 353, except that it contains No. 8E "Distant-Control" Super Motor locomotive, which can be started, stopped, reversed and operated at any speed at any distance from the track by means of No. 81 controlling rheostat supplied with it.
Code Word "MASK."

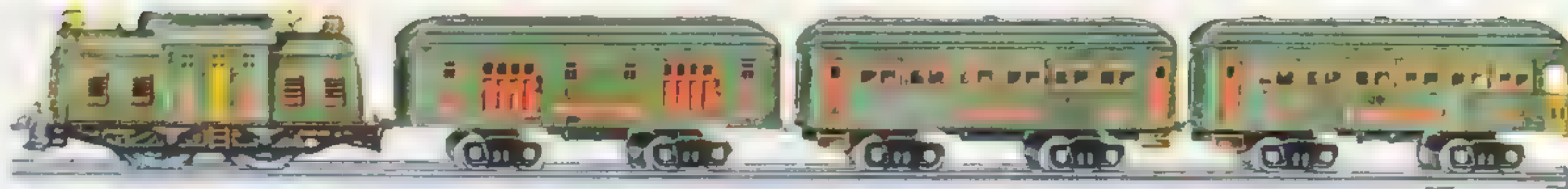
Price, \$25.00

PASSENGER AND FREIGHT TRAIN OUTFITS

for "Lionel Standard" Track — 2 1/4 Inches Wide

ALL "Lionel Standard" Trains are equipped with automatic couplers.

It is best to use a Lionel "Multivolt" transformer for operating all Lionel Trains on reduced alternating current. See page 37.

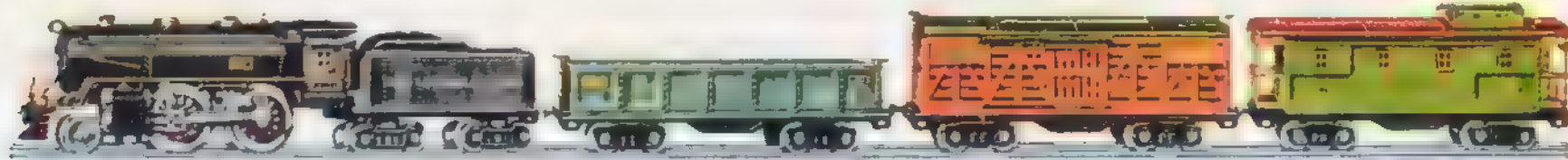


No. 352E

Outfit No. 352E—Comprises 1 No. 10E "Distant-Control" Super-Motor locomotive with 2 electric headlights, 1 No. 332 illuminated mail and baggage car, 1 No. 339 illuminated Pullman car, 1 No. 341 illuminated observation car, 8 sections C curved

track, 4 sections S straight track, 1 STC "Lockon" connection and 1 No. 81 controlling rheostat. Track forms an oval 69 by 42 inches. Train is 52 inches long. This train can be started, stopped, reversed and operated at any speed at any distance from the track. Code Word "WIN."

Price, \$30.00



Nos. 386 and 386E

Outfit No. 386. Comprises 1 No. 384 Steam Type Locomotive and Tender, 1 No. 512 gondola car, 1 No. 513 cattle car, 1 No. 517 caboose, 8 sections C curved track, 4 sections S straight track, 1 STC "Lockon" connection. Track forms an oval 69 x 52 inches. Train is 59 1/2 inches long. Code Word "MIKE."

Price, \$27.50

Outfit No. 386E. "Distant-Control" Freight Outfit. Similar to No. 386, except that it contains No. 384E "Distant-Control" locomotive, which can be started, stopped, reversed and operated at any speed at any distance from the track by means of No. 81 controlling rheostat supplied with it. Code Word "PAT."

Price, \$32.50



No. 354E

Outfit No. 354E—Comprises 1 No. 10E "Distant-Control" Super-Motor locomotive with 2 electric headlights, 1 No. 511 lumber car with load of lumber, 1 No. 512 gondola car, 1 No. 513 cattle car, 1 No. 514 box car, 1 No. 517 illuminated caboose, 8 sections C curved track, 6 sections S straight track, 1 STC "Lockon" connection and

1 No. 81 controlling rheostat. Track forms an oval 88 by 42 inches. Train is 77 inches long. This train can be started, stopped, reversed and operated at any speed at any distance from the track. Code Word "ZEST."

Price, \$30.00

PASSENGER TRAIN OUTFITS

for "Lionel Standard" Track—2¼ Inches Wide



No. 342E

No. 342E. "Distant-Control" Passenger Train Outfit—Comprises 1 No. 318E "Distant-Control" Super-Motor locomotive with 2 electric headlights, 1 No. 310 illuminated mail and baggage car, 1 No. 309 illuminated Pullman car, 1 No. 312 illuminated observation car, 8 sections C curved track, 6 sections S straight track, 1 STC "Lockon" connection. Track

forms an oval 88 by 42 inches. Train is 57½ inches long. Train may be started, stopped, reversed or operated at any speed at any distance from the track by means of No. 81 controlling rheostat supplied with it.
Code Word "FORUM."
Price, \$38.75



Nos. 387 and 387E

No. 387. "Lionel Standard" Hand Control Passenger Train Outfit—Exceptional value with Lionel's newest and most popular-priced steam type locomotive. Comprises 1 No. 384 Steam Type Locomotive and Tender, 1 No. 332 illuminated mail and baggage car, 1 No. 339 illuminated Pullman car, 1 No. 341 illuminated observation car, 8 sections C curved track, 4 sections S straight track, 1 STC "Lockon" connection. Track forms an oval 69 x 42 inches. Train is 61 inches long.
Code Word "DORSET."
Price, \$35.00

No. 387E. "Lionel Standard" "Distant-Control" Passenger Outfit—Similar to No. 387, except that it contains No. 384E "Distant-Control" locomotive, which can be started, stopped, reversed and operated at any speed at any distance from the track by means of No. 81 controlling rheostat supplied with it.
Code Word "ISABEL."
Price, \$40.00



No. 394E

No. 394E. "Lionel Standard" "Distant-Control" Passenger Outfit—Comprises 1 No. 390E "Distant-Control" Steam Type Locomotive and Tender, 1 No. 310 illuminated baggage car, 1 No. 309 illuminated Pullman car, 1 No. 312 illuminated observation car, 8 sections C curved track, 8 sections S straight track, 1 STC "Lockon" connection, 1 No. 81 controlling

rheostat. Train can be started, stopped, reversed and operated at any speed at any distance from the track by means of No. 81 controlling rheostat. Track forms an oval 102 x 42 inches. Train is 67 inches long.
Code Word "JOURNEY."
Price, \$50.00

PASSENGER AND FREIGHT TRAIN OUTFITS

for "Lionel Standard" Track—2¼ Inches Wide



No. 393E

No. 393E. "Distant Control" Coal Train Outfit—Comprises 1 No. 390E Steam Type Locomotive and Tender, 3 No. 516 coal cars, 1 No. 517 illuminated caboose, 8 sections C curved track, 6 sections S straight track, 1 STC "Lockon" connection. Train may be started, stopped, reversed or operated at any speed at any distance from the track by means

of No. 81 controlling rheostat supplied with it. The entire train is 74 inches long. Track forms an oval 88 by 42 inches. Complete with headlight, lamp for caboose and flags.

Code Word "TWIST."

Price, \$50.00



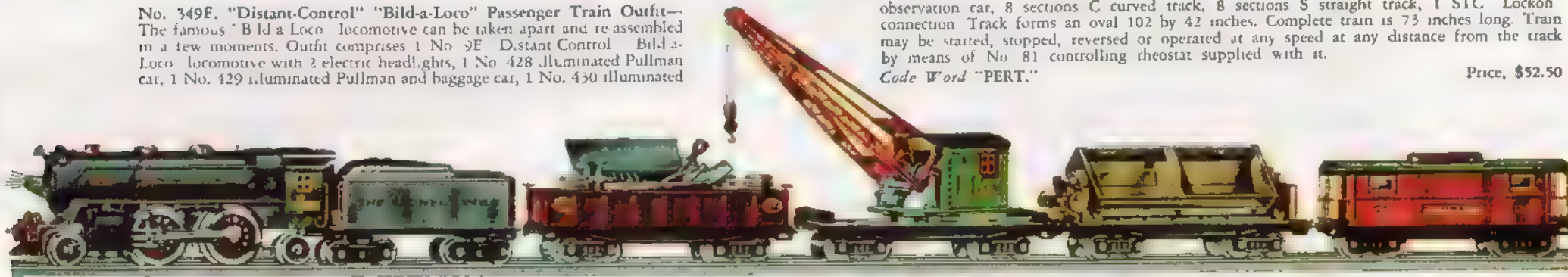
No. 349E

No. 349E. "Distant-Control" "Bild-a-Loco" Passenger Train Outfit—The famous "Bild-a-Loco" locomotive can be taken apart and re-assembled in a few moments. Outfit comprises 1 No. 9E "Distant Control" "Bild-a-Loco" locomotive with 2 electric headlights, 1 No. 428 illuminated Pullman car, 1 No. 429 illuminated Pullman and baggage car, 1 No. 430 illuminated

observation car, 8 sections C curved track, 8 sections S straight track, 1 STC "Lockon" connection. Track forms an oval 102 by 42 inches. Complete train is 73 inches long. Train may be started, stopped, reversed or operated at any speed at any distance from the track by means of No. 81 controlling rheostat supplied with it.

Code Word "PERT."

Price, \$52.50



No. 358E

No. 358E. "Lionel Standard" "Distant-Control" Work Train—Comprises 1 No. 390E "Distant-Control" Steam Type Locomotive and Tender, 1 No. 212 gondola car complete with tools, 1 No. 218 operating dump car, 1 No. 219 operating derrick car, 1 No. 217 illuminated caboose, 8 sections C curved track, 8 sections S straight track, 1 STC "Lockon" connection,

1 No. 81 controlling rheostat. Train can be started, stopped, reversed and operated at any speed at any distance from the track by means of No. 81 controlling rheostat. Track forms an oval 102 x 42 inches. Train is 79½ inches long.

Code Word "CLARENCE."

Price, \$55.00



**SUPER "LIONEL
STANDARD" PASSENGER OUTFIT
WITH NEWEST 21 INCH CARS . . .**

No. 409E. "Lionel Standard" Passenger Outfit. Comprises 1 No. 381E "Distant-Control" "Bild-a-Loce" locomotive with two electric headlights, 2 front lanterns and 2 rear lanterns, 1 No. 412 Pullman car (lettered California), 1 No. 413 Pullman car (lettered Colorado), 1 No. 416 observation car (lettered New York), 8 sections C curved track, 10 sections S straight track, 1 No. 81 controlling rheostat, 1 STC "Lockon" connection. Train can be started, stopped, reversed and operated at any speed at any distance from the track by means of No. 81 controlling rheostat. Track forms an oval 116 x 42 inches. Train is 85½ inches long.

Code Word "ETTA."

Price, \$85.00

THE "TRANSCONTINENTAL" LIMITED

No. 411E. "Lionel Standard" De Luxe FOUR 21 INCH CAR OUTFIT NOW POWERED WITH THE FAMOUS SUPER-TWIN MOTOR LOCOMOTIVE—OUTSTANDING VALUE. Comprises 1 No. 408E "Distant-Control" Twin-Super-Motor locomotive with two electric headlights, 1 No. 412 Pullman car (lettered California), 1 No. 413 Pullman car (lettered Colorado), 1 No. 414 Pullman car (lettered Illinois), 1 No. 416 observation car (lettered New York), 8 sections C curved track, 16 sections S straight track, 1 STC "Lockon" connection, 1 No. 81 controlling rheostat. Train can be started, stopped, reversed and operated at any speed at any distance from the track by means of No. 81 controlling rheostat. Track forms an oval 74 x 128 inches. Train is 107 inches long.

Code Word "SUPERB."

Price \$97.50

**NEW DE-LUXE
"LIONEL STANDARD"
"DISTANT-CONTROL" STEAM TYPE FREIGHT TRAIN . . .**

No. 423E. "Lionel Standard" Freight Train. Comprises 1 No. 390E "Distant-Control" Steam Type Locomotive and Tender, 1 No. 211 lumber car with load of lumber, 1 No. 212 gondola car, 1 No. 213 cattle car, 1 No. 214 box car, 1 No. 215 oil car, 1 No. 216 coal car, 1 No. 217 illuminated caboose, 8 sections C curved track, 10 sections S straight track, 1 STC "Lockon" connection, 1 No. 81 controlling rheostat. Train can be started, stopped, reversed and operated at any speed at any distance from the track by means of No. 81 controlling rheostat. Track forms an oval 116 x 42 inches. Train is 121½ inches long.

Code Word "SAM."

Price \$67.50

THE BIG THREE—ARISTOCRATS OF THE LIONEL FLEET OF SUPER TRAINS

for "Lionel Standard" Track—2¼ Inches Wide



No. 409E

No. 411E

No. 423E

FREIGHT TRAIN OUTFITS AND "THE BLUE COMET"

for "Lionel Standard" Track—2¼ Inches Wide



No. 395E

No. 395E "Distant-Control" Freight Train Outfit—Comprises 1 No. 390E "Distant-Control" Steam Type Locomotive and Tender, 1 No. 511 lumber car with load of lumber, 1 No. 512 gondola car, 1 No. 513 cattle car, 1 No. 514 box car, 1 No. 515 oil car, 1 No. 517 illuminated caboose, 8 sections C curved track, 10 sections S straight track, and 1 STC "Lockon" connection. Track

forms an oval 116x42 inches. The entire train is 100 inches long. Complete with headlight, lamp in caboose and flags. This train may be started, stopped, reversed and operated at any speed at any distance from the track by means of the No. 81 Controlling Rheostat supplied with it.
Code Word "TOBY."

Price, \$52.50

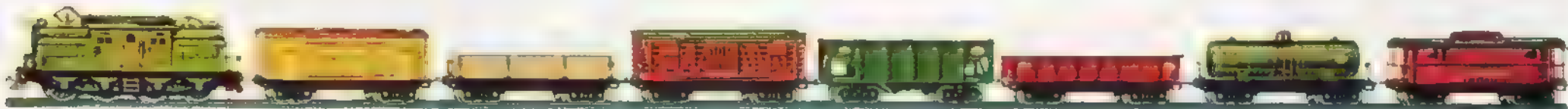


No. 396E

No. 396E—Designed in conjunction with the Central Railroad of New Jersey engineers as a replica of their famous Flyer to Atlantic City, described in the booklet accompanying each train. Comprises 1 No. 390E "Distant-Control" Steam Type Locomotive and Tender, 1 No. 420 Illuminated Pullman car lettered "FAYE," 1 No. 421 Illuminated Pullman car lettered "WESTPHAL," 1 No. 422 illuminated observation car lettered "TEMPEL," 8 sections C

curved track, 8 sections S straight track, 1 STC "Lockon" connection, 1 No. 81 controlling rheostat. Train can be started, stopped, reversed and operated at any speed at any distance from the track by means of No. 81 controlling rheostat. Track forms an oval 102x42 inches. Train is 78 inches long. Complete outfit finished in Royal Blue.
Code Word "COMET."

Price, \$65.00



No. 410E

No. 410E "Lionel Standard" "Distant-Control" Freight Outfit—Comprises 1 No. 408E Twin-Super-Motor "Distant-Control" Locomotive with 2 electric headlights, 1 No. 211 lumber car with load of lumber, 1 No. 212 gondola car, 1 No. 213 cattle car, 1 No. 214 box car, 1 No. 215 oil car, 1 No. 216 coal car, 1 No. 217 illuminated caboose, 8 sections C curved track, 10 sections S straight track, 1 STC "Lockon" connection and 1 No. 81 controlling rheostat. Train is

118 inches long. Track forms an oval 116x42 inches. Outfit also includes lamps for headlights, locomotive lanterns and caboose, wires for transformer or battery connection and connecting ties for joining sections of track. This train can be started, stopped, reversed and operated at any speed at any distance from the track by means of No. 81 controlling rheostat.
Code Word "BEST."

Price, \$77.50

Reg. U. S. Pat. Off.

No. 407E "LIONEL STANDARD" 100% "DISTANT-CONTROL" COMPLETE RAILROAD



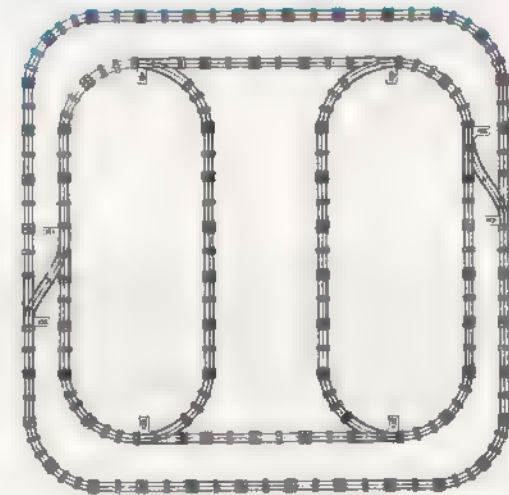
HERE is a real railroad. The finest gift that any boy can possibly receive. This is a complete Lionel "Distant Control" Railroad including our two finest trains—work train with Steam Type Locomotive, and a gigantic twin motor passenger train, as well as a large variety of electrically controlled and illuminated accessories. Both of the trains have "Distant-Control" and can be started, stopped, reversed and operated at any speed at any distance from the track. The large power house is a central operating station from which you can control everything. This is a marvelous model railroad. Specifications are given below.

OUTFIT NO. 407E—Comprises:

1 No. 408E "Distant-Control" Locomotive	1 No. 218 Operating Dump Car	20 C Track	2 No. 77 Crossing Gates
1 No. 390E "Distant-Control" Locomotive	1 No. 219 Operating Derrick Car	2 1/2 S Track	1 No. 69 Warning Signal
2 No. 81 Controlling Rheostats	1 Type K Transformer	1 No. 128 Station	1 No. 840 Power House
1 No. 412 Pullman Car	4 pr. 222 Switches	1 No. 300 Bridge	2 No. 67 Lamp Posts
1 No. 413 Pullman Car	2 No. 23 Bumpers	1 No. 140L Tunnel	4 No. 56 Lamp Posts
1 No. 414 Pullman Car	1 Set 208 Tools	12 No. 85 Telegraph Posts	1 No. 87 Signal
1 No. 416 Observation Car	1 Set 209 Barrels	1 No. 78 Train Control	1 No. 79 Flashing Signal
1 No. 212 Gondola Car	47 S Track	1 No. 80 Semaphore	1 No. 195 Terrace
1 No. 217 Illuminated Caboose			16 STC "Lockon" Connections

Wires for making electrical connections, connecting ties for joining sections of track, lamps for headlights, interior of cars and all illuminated accessories are supplied with this outfit. Track layout is 12 feet long by 11 feet wide.
Code Word "ALLY."

Price \$350.00



This is a plan of the track layout for the Lionel complete railroad.

PASSENGER CARS FOR "LIONEL STANDARD" TRACK—2 1/4 INCHES WIDE



No. 338 "Lionel Standard" Illuminated Observation Car—12 inches long, 4 1/4 inches high
Code Word "ORBIT"
Price \$5.25

No. 332 "Lionel Standard" Illuminated Mail and Baggage Car—12 inches long, 4 1/4 inches high. Finished in blue or red color
Code Word "WILE"
Price \$4.75

No. 337 "Lionel Standard" Illuminated Pullman Car—12 inches long, 4 1/4 inches high
Code Word "PASS"
Price \$4.50

ALL Lionel Passenger Cars are made of heavy steel and are beautifully embossed with rivets and other realistic details. They are finished in a variety of attractive colors.

"Lionel Standard" Cars Nos. 332, 337, 338, 339 and 341 are for use with "Lionel Standard" Locomotives Nos. 8, 8E, 10E, 384 and 384E.

"Lionel Standard" Cars Nos. 309, 310 and 312 are for use with "Lionel Standard" Locomotives Nos. 318E, 9E and 390E.



No. 341 "Lionel Standard" Illuminated Observation Car—12 inches long, 4 1/4 inches high
Code Word "LEO"
Price \$5.75

No. 339 "Lionel Standard" Illuminated Pullman Car—12 inches long, 4 1/4 inches high
Code Word "STAR."
Price \$4.75

No. 310 "Lionel Standard" Illuminated Mail and Baggage Car—13 1/4 inches long, 5 1/4 inches high.

Code Word "WEC"

Price \$5.50

No. 312 "Lionel Standard" Illuminated Observation Car—Same construction as No. 341, but larger 13 1/4 inches long, 5 1/4 inches high
Code Word "DOMO"
Price \$6.00

No. 309 "Lionel Standard" Illuminated Pullman Car—Same construction as No. 339, but larger. 13 1/4 inches long, 5 1/4 inches high
Code Word "ROAD"
Price \$5.25



Cars Nos. 427, 428, 429 and 430 are for use with locomotives Nos. 9E, 381E and 408E. Cars Nos. 416, 419, 490 and 431 are for use with Locomotives Nos. 381E and 408E.

No. 490 "Lionel Standard" Illuminated Observation Car—17 1/2 inches long, 6 1/2 inches high.
Code Word "CABIN."
Price \$10.00

No. 430 "Lionel Standard" Illuminated Observation Car—Same as above, but mounted on 4-wheel trucks.
Code Word "NERO."
Price \$9.00

No. 418 "Lionel Standard" Illuminated Pullman Car—18 1/4 inches long, 6 1/2 inches high
Code Word "COMFORT"
Price \$9.00
No. 428 "Lionel Standard" Illuminated Pullman Car—Same as No. 418 but mounted on 4-wheel trucks.
Code Word "IRIS"
Price \$8.00
No. 418 Car is illustrated with side removed to show interior seating arrangement.

No. 419 "Lionel Standard" Illuminated Pullman and Baggage Car—18 1/4 inches long, 6 1/2 inches high
Code Word "COURT"
Price \$9.25

No. 429 "Lionel Standard" Illuminated Pullman and Baggage Car—Same as No. 419 but mounted on 4-wheel trucks.
Code Word "DORA."
Price \$8.25

No. 431 "Lionel Standard" Illuminated Dining Car—18 1/4 inches long, 6 1/2 inches high.
Code Word "FEED."
Price \$10.50
No. 427 "Lionel Standard" Illuminated Dining Car—Same as No. 431 but mounted on four-wheel trucks.
Code Word "FRANCES."
Price \$9.50
Illustration shows tables, chairs, kitchen compartment and equipment installed in these cars.



No. 420 "Lionel Standard" Illuminated Pullman Car, 18 inches long, 5 inches high. This car is lettered "Faye"
Code Word "FAYE."
Price \$12.00
No. 421 "Lionel Standard" Illuminated Pullman Car. Same as above but lettered "Westphal."
Code Word "WESTPHAL."
Price \$12.00



Illustration shows patented revolving shoe made of stainless steel which collects current for lighting interior of cars.



Illustration shows dome light and rear end lanterns over platform of "Lionel Standard" Observation Cars.



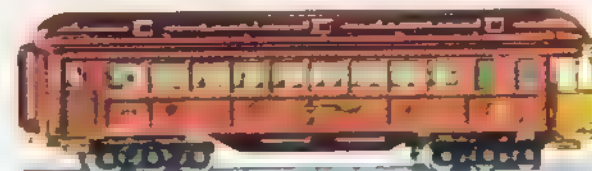
No. 422 "Lionel Standard" Illuminated Observation Car. 18 inches long, 5 inches high. This car is lettered "Tempel"
Code Word "TEMPEL."
Price \$12.50



No. 412 "Lionel Standard" Illuminated Pullman Car—21 1/2 inches long, 6 1/2 inches high. This car is lettered "California"
Code Word "ROMP"
Price \$15.00
No. 413 "Lionel Standard" Illuminated Pullman Car—Same as above but lettered "Colorado."
Code Word "ROPE."
Price \$15.00
No. 414 "Lionel Standard" Illuminated Pullman Car. Same as above but lettered "Illinois."
Code Word "REEF."
Price \$15.00



Above illustration shows the unique construction of Cars Nos. 412, 413, 414 and 416. The roof is hinged and when closed is securely locked by means of two steel catches which are rigidly fastened to the roof. By merely pressing two plungers in the transom, car can be opened instantly. Interior of car is equipped with 2 electric lights, 2 wash-room and lavatory compartments, as well as revolving seats. These cars are finished in beautiful duo-tone enamel colors.



No. 416 "Lionel Standard" Illuminated Observation Car, lettered "New York." This car conforms in size to Nos. 412, 413 and 414 illustrated to the left. The brass observation platform is surmounted by a dome light which shines through 2 red rear end lanterns. In addition, this car is equipped with 2 interior lights. This car is 21 inches long, 6 1/2 inches high.
Code Word "REST."
Price \$15.00

NEW LIONEL ALL STEEL FREIGHT CARS

for "Lionel Standard" Track—2 1/4 Inches Wide

BYOND doubt, the "Lionel Standard" Freight Cars shown on this page reach the peak of perfection in model railroad rolling stock. These freight cars are of steel construction throughout. The fittings, such as hand rails, hand brakes, steps, ladders and inserted panels are all made of brass, highly polished. Wheels, journals, axles and automatic couplers are of heavy nicked steel.

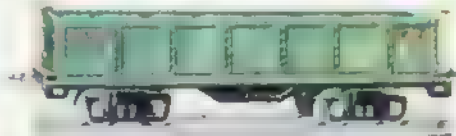
Freight Cars Nos. 511 to 517 are for use with Locomotives Nos. 8, 8E, 9E, 10E, 318E, 384, 384E and 390E.

The illustrations clearly show that every known type of modern freight car is faithfully reproduced by us.

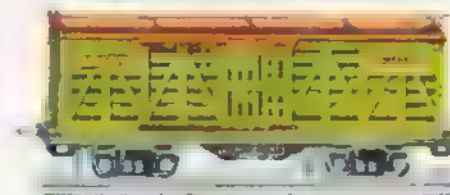
It is great fun to convert your passenger train into a big freighter by adding an assortment of these well-built cars, which are handsomely finished in a variety of durable enameled colors.



No. 511 Lumber Car with load of lumber—11 1/2 inches long, 3 1/4 inches high.
Code Word "EDEN." Price, \$2.35



No. 512 Gondola Car—11 1/2 inches long, 3 3/8 inches high.
Code Word "EVER." Price, \$2.35



No. 513 Cattle Car—11 1/2 inches long, 4 3/4 inches high. Has sliding door.
Code Word "EBON." Price, \$3.10



No. 514R Refrigerator Car—11 1/2 inches long, 4 1/4 inches high. Has double swing doors.
Code Word "FAST." Price, \$3.10



No. 514 Box Car—11 1/2 inches long, 4 3/4 inches high. Has sliding door.
Code Word "EGG." Price, \$3.10



No. 515 Oil Car—11 1/2 inches long, 5 1/8 inches high.
Code Word "ELTA." Price, \$3.10



No. 516 Coal Car—11 1/2 inches long, 4 1/8 inches high. Has Hopper bottom, operated by wheel.
Code Word "EPIC." Price, \$3.50



No. 517 Illuminated Caboose—11 1/2 inches long, 5 1/8 inches high. Complete with rear platform lamp.
Code Word "EAGER." Price, \$3.50

Freight Cars Nos. 211 to 217 are for use with Locomotives Nos. 381E and 408E.



No. 211 Lumber Car with load of lumber—12 1/2 inches long, 4 1/8 inches high.
Code Word "ANT." Price, \$3.50



No. 212 Gondola Car—12 1/2 inches long, 3 3/4 inches high.
Code Word "ROY." Price, \$3.50



No. 213 Cattle Car—12 1/2 inches long, 5 1/2 inches high. Has sliding door.
Code Word "WAKE." Price, \$4.75



No. 214 Box Car—12 1/2 inches long, 5 1/2 inches high. Has double sliding doors.
Code Word "WOOL." Price, \$4.75



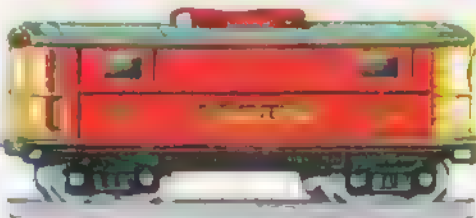
No. 214R Refrigerator Car—12 1/2 inches long, 5 1/2 inches high. Has double swing doors.
Code Word "GONE." Price, \$4.75



No. 215 Oil Car—12 1/2 inches long, 5 1/2 inches high.
Code Word "DICE." Price, \$4.75

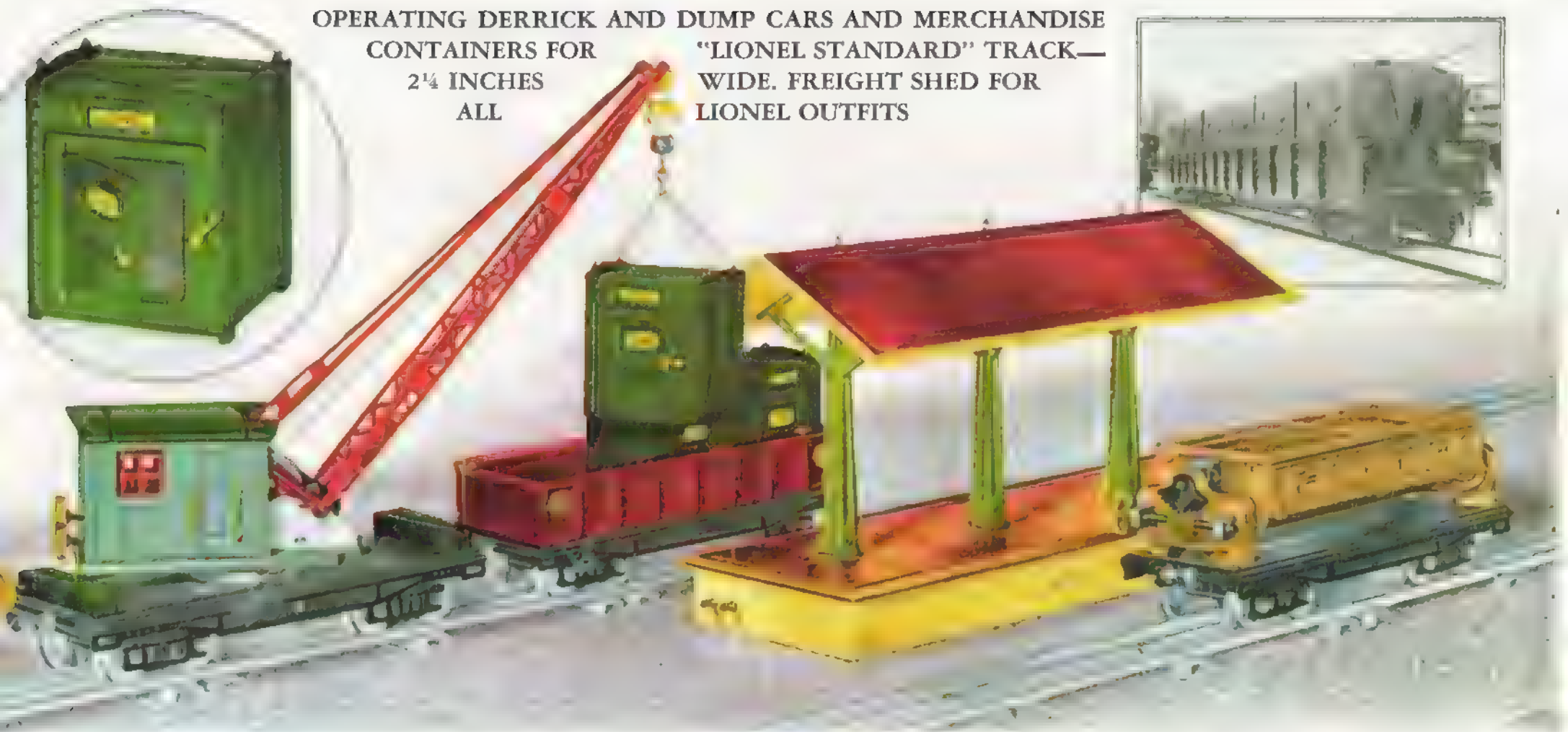


No. 216 Coal Car—12 1/2 inches long, 5 inches high. Has Hopper bottom, operated by wheel.
Code Word "ALAMA." Price, \$4.75



No. 217 Illuminated Caboose—12 1/2 inches long, 5 1/2 inches high. Complete with rear platform lamp.
Code Word "RAFT." Price, \$5.50

OPERATING DERRICK AND DUMP CARS AND MERCHANDISE
CONTAINERS FOR
2¼ INCHES
ALL
"LIONEL STANDARD" TRACK—
WIDE. FREIGHT SHED FOR
LIONEL OUTFITS



No. 219

No. 219 Derrick Car—Lionel's famous realistic railroad derrick car. Operating exactly like a real derrick. The boom may be raised or lowered. The entire cab may be swung around in a complete circle, and pulley and tackle may be operated separately. All mechanical movements are controlled by wheels operating worm gears. Self-locking. The boom or cab may be operated from any position. It is mounted on a solid steel car 12½ inches long, 6¼ inches high. The boom is 16 inches long. Car is equipped with automatic couplers.

Code Word "ALUM."

Price, \$9.00

No. 205

No. 205—A set of three L. C. L. (less than car-load lots) Steel Merchandise Containers—Complete with one set of chains. A realistic railroad accessory, patterned exactly after the originals, a photograph of which is shown above. This set of containers may be used in either the Nos. 512 or 212 Gondola Cars. They are made of heavy gauge sheet steel, beautifully embossed and brass trimmed. Complete with hinged door and fastener. Finished in Lionel's permanent enamel. Dimensions 3¼ inches long, 3 inches wide, 4 inches high.

Code Word "CHARLES." Price, per set of 3, \$3.00

No. 155

No. 155 Freight Shed—A new illuminated all-steel beautifully enameled Freight Shed. Solidly constructed of heavy gauge sheet steel. Complete with terminals for wires and two electric bulbs. Used in conjunction with Lionel Freight Cars. Plenty of room on the platform for all sorts of merchandise and baggage. 18 inches long, 11 inches high, 8 inches wide.

Code Word "JOCKEY."

Price, \$7.50

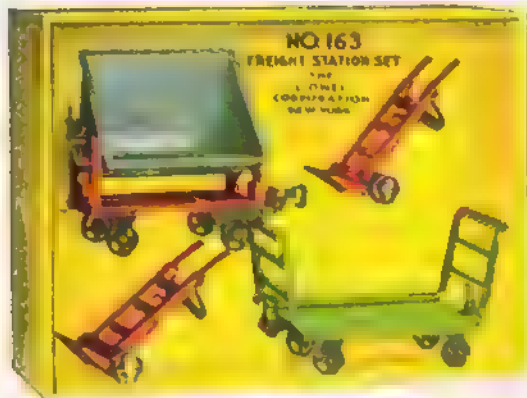
No. 218

No. 218 Operating Dump Car—Lionel's operating dump car is a marvel of mechanical ingenuity. A true model of the real cars used in the construction of railroads. It actually dumps a load at any place desired along the track. Wheels and worm gears control the mechanism that automatically opens and tilts the sides of the car. Size 12½ inches long, 4¾ inches high. Entirely constructed of sheet steel and beautifully finished by Lionel's famous enameling process. Equipped with automatic couplers.

Code Word "DEPEW."

Price, \$6.25

NEW "O" GAUGE DERRICK CAR—NEW FREIGHT ACCESSORIES



No. 163

No. 163 Freight Station Set—Comprises 2 No. 157 Hand Trucks, 1 No. 162 Dump Truck, and 1 No. 160 Baggage Truck. They are exact reproductions of the trucks seen on all freight stations. They are of very substantial construction and are beautifully enameled in brilliant colors.

Code Word "DROME."

Price per set \$3.00

No. 161 Baggage Truck—4½ inches long, 2 inches wide, 2⅝ inches high.

Code Word "FLEET."

Price 75c

No. 162 Dump Truck—By raising the levers attached to the supports, body may be tilted and the contents dumped at the side of the truck. The body automatically swings back and locks into position. 4¼ inches long, 2¾ inches wide, 2½ inches high.

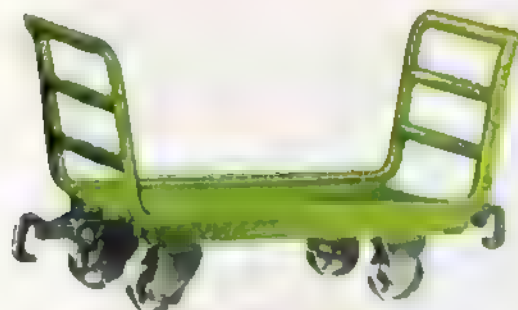
Code Word "LOUVER."

Price \$1.25

No. 157 Hand Truck—3¼ inches long, 1⅝ inches wide.

Code Word "RIGID."

Price 50c



No. 161

No. 2 Lionel Three-Speed Reversible "Bild-a-Motor" — It can be used for a variety of purposes with construction toys of all kinds. It will develop great power and uses a minimum amount of current. Can be taken down and reassembled in a few moments. Operates on dry or storage batteries as well as on reduced alternating or direct current. 7 inches long, 3⅝ inches high, 3-15/16 inches wide.

Code Word "HOIST."

Price \$7.50

No. 1 Lionel Three-Speed Reversible "Bild-a-Motor" — This powerful motor is similar in construction to the other "Bild-a-Motor" described above, but is smaller in size. Made in units so that it can be taken down and reassembled in a few moments. It will lift at least 20 times its own weight. By means of a controlling lever, motor can be started, stopped, and reversed. Will operate on dry or storage batteries, or on reduced alternating or direct current. Size 6⅞ inches long, 3⅞ inches high, 2¾ inches wide.

Code Word "LIFT."

Price \$5.00



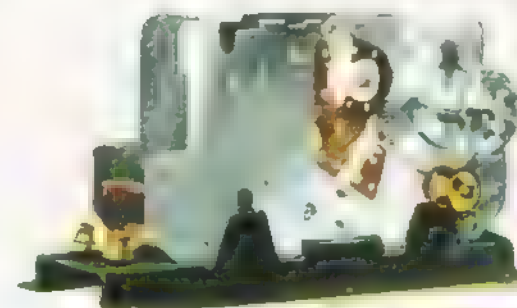
No. 162



No. 157



No. 1



No. 2



No. 810

A most faithful reproduction of the derrick cars in use on all the big railroads throughout the country. You can raise or lower the boom, swing it from side to side, and hoist weights with the pulley and tackle. The gears are actually machine cut, and operate so easily that the heaviest weight the car is built to lift can be handled without noticeable effort. It is of very substantial construction and is beautifully enameled in brilliant colors. Length of Car 9¼ inches. Height of Car 4½ inches. Length of Boom 9¼ inches.

Code Word "CHASER."

Price \$7.50

LIONEL "O" GAUGE FREIGHT CARS AND SETS



No. 831 Lumber Car—With load of lumber, $6\frac{3}{4}$ inches long, $2\frac{1}{8}$ inches high.

Code Word "VEST." Price, 70¢



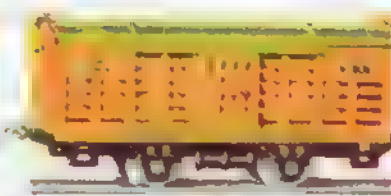
No. 803 Coal Car—Has "Hopper" bottom operated by wheel. $6\frac{3}{4}$ inches long, $3\frac{1}{4}$ inches high.

Code Word "LOAD." Price, \$1.00



No. 805 Box Car—Has sliding door. $6\frac{3}{4}$ inches long, $3\frac{1}{4}$ inches high.

Code Word "VICK." Price, \$1.00



No. 806 Cattle Car—Has sliding door. $6\frac{3}{4}$ inches long, $3\frac{1}{4}$ inches high.

Code Word "VEX." Price, \$1.10



No. 902 Gondola Car— $6\frac{3}{4}$ inches long, $2\frac{1}{8}$ inches high.

Code Word "VOTE." Price, 70¢



No. 804 Oil Car— $6\frac{3}{4}$ inches long, $3\frac{1}{2}$ inches high.

Code Word "FUEL." Price, 90¢

Cars Nos. 803, 804, 805, 806, 807, 831 and 902 are for use with Locomotives Nos. 248, 252, 257 and 258.

Cars Nos. 811 to 817 are for use with Locomotives Nos. 4, 253, 254, 254B, 251, 251E, 256 and 260E.



No. 811 Lumber Car—With load of lumber. $8\frac{7}{8}$ inches long, $2\frac{1}{2}$ inches high.

Code Word "DRUM." Price, \$1.90



No. 814 Box Car—Has sliding door. $8\frac{7}{8}$ inches long, $3\frac{3}{4}$ inches high.

Code Word "YOKE." Price, \$2.25



No. 808 SET

No. 808 Freight Car Set—Comprises 1 each Nos. 831 Lumber Car, 803 Coal Car, 804 Oil Car, 805 Box Car, 806 Cattle Car, 807 Caboose, described on this page. Very attractively packed.

Code Word "QUORN." Price, \$5.25

No. 818 Freight Car Set—Comprises 1 each Nos. 812 Gondola Car, 814 Box Car, 816 Coal Car, 817 Caboose, described on this page. Very attractively packed.

Code Word "QUEST." Price, \$9.00

All Lionel Freight Cars are equipped with automatic couplers, nicked journals and wheels, brass hand rails, steps, and brake wheels.



No. 818 SET



No. 807 Caboose—Has front and rear brass platforms and ladder to roof. $6\frac{3}{4}$ inches long, $3\frac{1}{2}$ inches high.

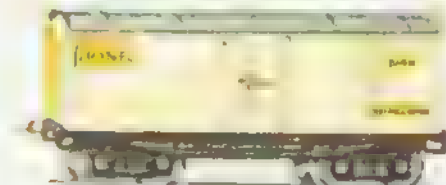
Code Word "VAT." Price, \$1.10

Cars Nos. 803, 804, 805, 806, 807, 831 and 902 are mounted on 4 wheel trucks. Cars Nos. 811 to 817 are mounted on two 4-wheel trucks.



No. 815 Oil Car— $8\frac{7}{8}$ inches long, $3\frac{3}{4}$ inches high.

Code Word "YAM." Price, \$2.25



No. 814R Refrigerator Car—Has double swing doors. $8\frac{7}{8}$ inches long, $3\frac{3}{4}$ inches high.

Code Word "DOFF." Price, \$2.25



No. 816 Coal Car—Has "Hopper" bottom operated by wheel. $8\frac{7}{8}$ inches long, $3\frac{1}{4}$ inches high.

Code Word "YOST." Price, \$2.65



No. 813 Cattle Car—Has sliding door. $8\frac{7}{8}$ inches long, $3\frac{3}{4}$ inches high.

Code Word "YAWL." Price, \$2.25



No. 812 Gondola Car— $8\frac{7}{8}$ inches long, $2\frac{5}{8}$ inches high.

Code Word "DALE." Price, \$1.90



No. 817 Caboose—Has front and rear brass platforms and ladder to roof. $8\frac{7}{8}$ inches long, 4 inches high.

Code Word "DEFT." Price, \$2.65

PASSENGER CARS FOR "O" GAUGE TRACK—1³/₈ INCHES WIDE

Lionel "O" Gauge Cars Nos. 607 and 608 are for use with Locomotives Nos. 252, 253, 257 and 258.



No. 630 Lionel "O" Gauge Observation Car—6³/₄ inches long, 3¹/₄ inches high. Code Word "IDEAL." Price, \$0.85.
No. 530 Lionel "O" Gauge Observation Car. Same as No. 630 illustrated, but may be obtained finished in green or terra cotta. Code Word "TONA." Price, \$0.85



No. 608 Lionel "O" Gauge Illuminated Observation Car—7¹/₂ inches long, 3¹/₂ inches high. Code Word "TWIG." Price, \$1.75



No. 612 Lionel "O" Gauge Illuminated Observation Car—8³/₄ inches long, 3³/₄ inches high. Code Word "WALTON." Price, \$3.00

Lionel "O" Gauge Cars Nos. 710 and 712 are obtainable in red or orange color, and are for use with Locomotives Nos. 251, 251B, 256 and 260E.



No. 712 Lionel "O" Gauge Illuminated Observation Car—11³/₈ inches long, 4¹/₄ inches high. Code Word "RISE." Price, \$4.00



ALL Lionel "O" Gauge Passenger Cars are made of heavy steel and are beautifully embossed with rivets and other realistic details. They are finished in a variety of attractive colors. Except for Nos. 529, 530, 629 and 630 Cars, all Lionel Passenger Cars are illuminated.

The No. 840 Power Station shown in the above illustration is fully described on Page 44.



No. 606 Lionel "O" Gauge Illuminated Observation Car—10¹/₄ inches long, 4 inches high. Code Word "MODE." Price, \$3.75



No. 710 Lionel "O" Gauge Illuminated Pullman Car—11³/₈ inches long, 4¹/₄ inches high. Code Word "HOLLY." Price, \$3.90



No. 605 Lionel "O" Gauge Illuminated Pullman Car—10¹/₄ inches long, 4 inches high. Code Word "NOVA." Price, \$3.50

Lionel "O" Gauge Cars Nos. 605 and 606 are for use with Locomotives Nos. 4, 251, 251B and 260E.

Lionel "O" Gauge Cars Nos. 610 and 612 are for use with Locomotives Nos. 4, 253, 254 and 254B.



No. 529 Lionel "O" Gauge Pullman Car—Same as No. 629 illustrated, but may be obtained finished in green or terra cotta. Code Word "IMPY." Price, \$0.80

No. 629 Lionel "O" Gauge Pullman Car—6³/₄ inches long, 3¹/₄ inches high. Code Word "FANE." Price, \$0.80



No. 607 Lionel "O" Gauge Illuminated Pullman Car—7¹/₂ inches long, 3¹/₂ inches high. Code Word "BRAND." Price, \$1.65



No. 610 Lionel "O" Gauge Illuminated Pullman Car—8³/₄ inches long, 3³/₄ inches high. Code Word "EALING." Price, \$2.95

Lionel "O" Gauge Cars Nos. 529 and 530, 629 and 630 are for use with Locomotives Nos. 248, 252, 257 and 258.

LIONEL ELECTRICALLY-CONTROLLED ACCESSORIES

IN all Lionel Electrically-Controlled Accessories the electric unit is mounted on a solid piece of fibre which is protected in the interior of the base.

THESE accessories are exact models of the latest safety devices used on all railroads. They are made of steel, beautifully designed and very moderately priced. The construction is of Lionel quality throughout. The base is a die casting which incorporates considerable detail, such as hinged doors, embossed rivets, etc. The upright and ladder and other structural parts are made of steel, and are practically indestructible. The top of lantern is removable so that lamp in interior may be easily reached. Finished in a variety of beautiful enamels baked at high temperature.

Lionel Automatic Semaphore (Electrically Illuminated) — When train passes over section of track to which it is connected the semaphore arm is set upright and green bull's-eye in lantern is illuminated. When train passes, the semaphore arm drops to horizontal position, and the electric lamp illuminates the red signal. It is absolutely automatic. The height from base to spire is 15 inches. Semaphore arm is $4\frac{1}{8}$ inches long. Price includes electric lamp, connecting wires, "Lockon" and special section of track.

No. 080 Automatic Semaphore — For Lionel "O" Gauge Track.

Code Word "DROP."
Price, \$4.75

No. 80 Automatic Semaphore—For "Lionel Standard" Track.

Code Word "DRAW"
Price, \$4.75

Lionel Automatic Train Control (Electrically Illuminated) — Positively amazing in its action. When train approaches section to which it is connected, red light shows and train automatically comes to a dead stop. After an interval of a few seconds, red light changes to green and train is on its way again. The controlling mechanism can be disconnected by means of a small lever so that train does not stop as it approaches the train control, which then shows a permanent green light. Lionel Train Control is $10\frac{1}{4}$ inches high. Price includes electric lamp, connecting wires and "Lockon."

No. 078 Automatic Train Control—For Lionel "O" Gauge Track.

Code Word "HEAVE." Price, \$5.25

No. 78 Automatic Train Control—For "Lionel Standard" Track.

Code Word "WEAVE." Price, \$5.25

Lionel Semaphore - Train - Control (Electrically Illuminated) — Our latest marvel. As train approaches, the red light shines and semaphore arm drops, denoting "Caution." Train immediately comes to a dead stop. A short interval—light changes to green—semaphore arm goes up—train proceeds. It is startlingly real! It operates as if by magic! When desired, a lever in the base disconnects the controlling mechanism and sets the semaphore arm in an upright position so that train does not stop as it approaches the Semaphore-Train-Control. You will be absolutely thrilled as you watch the unique action of this almost-human railroad device. Lionel's skilled craftsmanship is exemplified to the highest degree in the construction of this very desirable accessory. Height from base to spire $14\frac{1}{4}$ inches. Semaphore arm is $4\frac{1}{8}$ inches long. Price includes electric lamp, connecting wires and "Lockon."

No. 082 Semaphore-Train-Control—For Lionel "O" Gauge Track.

Code Word "STILL." Price, \$7.50

No. 82 Semaphore-Train-Control—For "Lionel Standard" Track

Code Word "STRIP." Price, \$7.50

Hand-Control Semaphore (Electrically Illuminated)—It stops and starts your train with a movement of your finger. Just lower the lever in the base—the semaphore arm goes down—the green light changes to red, and your train stops!

Raise the lever—the arm goes up—red light changes to green, and the train moves again.

Size — 15 inches high. Semaphore arm is $4\frac{1}{8}$ inches long. Price includes electric lamp, connecting wires and "Lockon."

No. 084 Hand-Control Semaphore for "O" Gauge Track.

Code Word "SLATE."
Price, \$4.25

No. 84 Hand-Control Semaphore for "Lionel Standard" Track.

Code Word "STRIKE"
Price, \$4.25

Nos. 82 and 082
Automatic Train-Control-
Semaphore with
Electric Light.

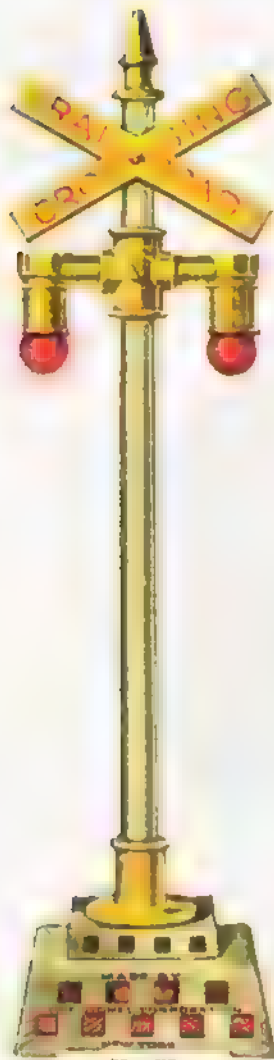
Nos. 84 and 084
Hand-Control-Semaphore
with Electric Light.

Nos. 80 and 080
Automatic Semaphore
with Electric Light

Nos. 78 and 078
Automatic Train Control
with Electric Light.

LIONEL ELECTRICALLY-CONTROLLED ACCESSORIES

**BOYS! See the lights flash
on and off — see the gates go
up and down — hear the
warning bells ring!
The Action is Automatic!**



No. 79

No. 79 Flashing Railroad Signal—A true reproduction of the latest type of Crossing Signal used on electrified railroads. The Lionel patented thermostat in the base flashes the red lights on and off alternately and continues to do so as long as the current is applied. Electric lamp in base throws a red light through the openings. The base, uprights and arm are made of die castings and steel, beautifully finished. Height 11½ inches, base 2¼ inches square. For use with "O" gauge and "Lionel Standard" equipment.

Code Word "ROOM." Price, \$5.25



No. 83

No. 83 Lionel Traffic and Crossing Signal—An ingenious Lionel accessory. The light in the red lantern flashes on and off like the "blinker" light seen at street intersections. The mechanism is in the base, which also contains binding posts for attaching wires supplied with the signal. This signal is 6¼ inches high. Can be used with "O" Gauge or "Lionel Standard" equipment. A wonderful accessory to use when building model villages.

Code Word "STAND."

Price, \$4.00



No. 87

No. 87 Lionel Railroad Crossing Signal—Just like those used on many grade crossings. The bright red lantern on white background is illuminated at intervals of a second by means of a device placed in the interior. It is thrilling to watch this automatic "blinker" operate continuously without attention. The base contains terminals for connecting wires. This Crossing Signal is 6¼ inches high. Can be used with "Lionel Standard" or "O" Gauge equipment.

Code Word "STORE."

Price, \$4.50



Nos. 77 and 077

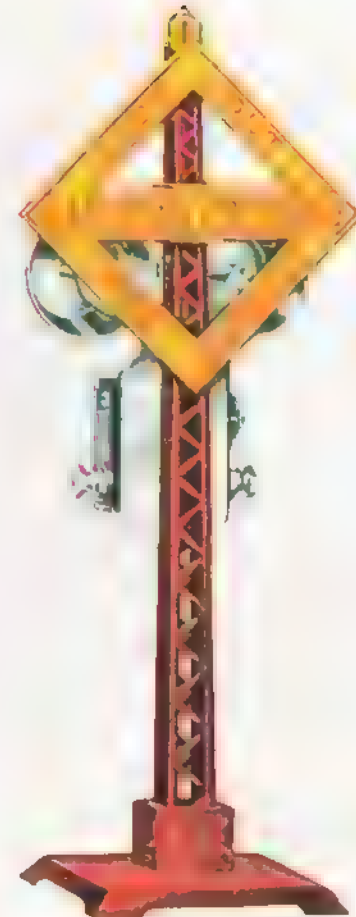
Lionel Illuminated Automatic Crossing Gates—An exact reproduction of the real ones seen at grade crossings. When train approaches the track section to which it is connected, a red light illuminates and the gate comes down and stays in that position. When train passes, gate opens and the light goes out. The action is the same as on real railroads. Gate is made of heavy steel. The electric unit is in the base. Finished in enameled colors. Gate is 11 inches long. Price includes special section of track, connecting wires and "Lockon".

No. 077 Automatic Crossing Gate for Lionel "O" Gauge Track.

Code Word "ADVANCE." Price, \$4.25

No. 77 Automatic Crossing Gate for "Lionel Standard" Track.

Code Word "TARRY." Price, \$4.50



Nos. 69 and 069

Lionel Electric Warning Signals—Electric bell with 2 gongs is mounted on steel standard, 8¾ inches high which supports warning sign. Gongs ring while train passes over track section to which it is connected. Bell automatically stops when grade crossing is clear. This accessory is finished in beautiful enameled colors, and bell is nicked steel. Price includes special track, wires and "Lockon".

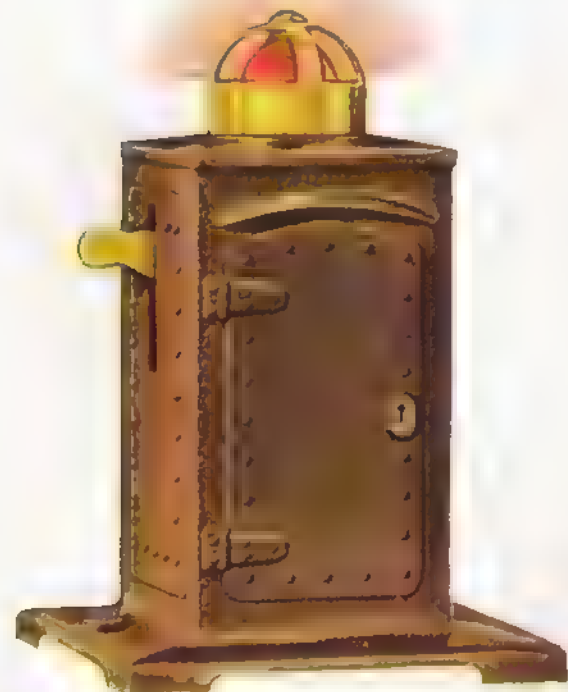
No. 069 Electric Warning Signal for Lionel "O" Gauge Track.

Code Word "RINGER." Price, \$3.25

No. 69 Electric Warning Signal for "Lionel Standard" Track.

Code Word "BEWARE." Price, \$3.50

NEW LIONEL CIRCUIT BREAKER



No. 91 Circuit Breaker—Should be purchased with every outfit. This circuit breaker is an ingenious device that functions as an automatic and never-failing safety signal in case of any short-circuit on the track or if the train leaves the rails. In case of either of these occurrences, the current is immediately shut off from the transformer, which prevents it overheating and the red light becomes illuminated and stays that way until the train is put back on the track or the short-circuit is discovered. It is an invaluable accessory to your outfit and we highly recommend its use. The mechanism is enclosed in a die cast case, beautifully enameled. The bulb is surmounted by a polished brass guard.

Size—2¾ inches square—4¼ inches high.
Code Word "SAFETY." Price, \$3.25

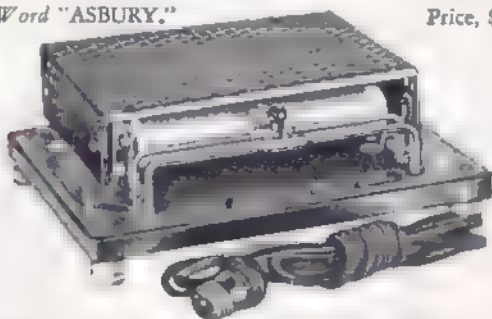
LIONEL
DIRECT CURRENT REDUCERS
(NOT TO BE USED ON ALTERNATING CURRENT)

No. 107 Lionel Direct Current Reducer for 110-Volt Circuit—This is constructed of four porcelain tubes wound with best quality of resistance wire. These porcelain tubes are mounted on a substantial base measuring 8 by 11 inches and ¾ inches thick. The porcelain tubes are protected and ventilated by a perforated steel cover lined with heavy asbestos. The sliding lever regulates the voltage so that train will just crawl along or go ahead at express speed. The reducer is connected with the house current by a separable plug with 7 feet of flexible cord. Four porcelain supports with screws are supplied so that the reducer can be screwed to wall or table.

Code Word "KENTUCKY." Price, \$10.00

No. 170 Lionel Direct Current Reducer for 220-Volt Circuit—This reducer is identical in appearance with No. 107, mentioned above, but is for use on 220 volts.

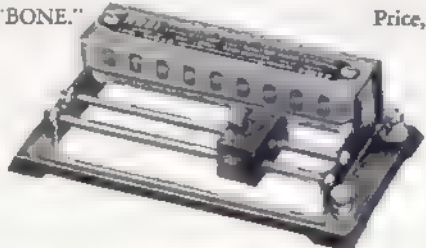
Code Word "ASBURY." Price, \$14.50



CONTROLLING RHEOSTAT No. 81
(FOR BATTERIES)

No. 81 Controlling Rheostat—With this rheostat you can, when using dry or storage batteries, operate Lionel Trains at various speeds, or stop and start them at any distance from the track. This is done by sliding the lever from side to side, or manipulating it up and down. This rheostat can also be used with Lionel "Multivolt" Transformers when a gradual increase or decrease of current is desired, without touching the lever on the transformer. The porcelain coil of this rheostat is protected by a perforated steel cover, and air holes prevent over-heating. Size 4¾ inches long, 2½ inches wide.

Code Word "BONE." Price, \$2.50

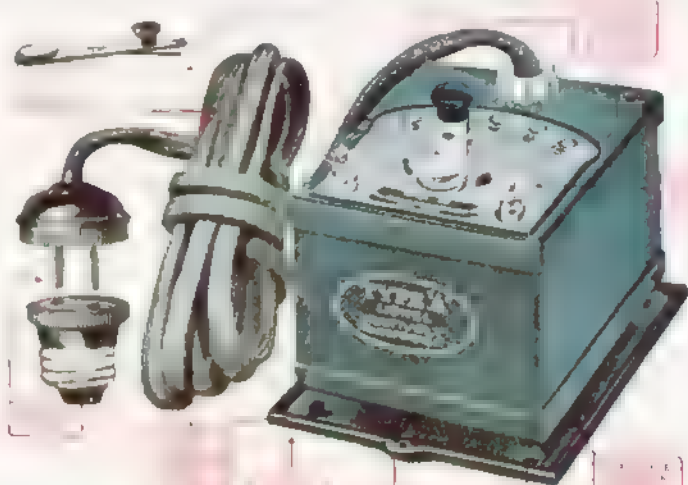


SPECIFICATIONS OF
LIONEL "MULTIVOLT" TRANSFORMERS
(DESCRIBED ON PAGE THIRTY-SEVEN)

Sub-Base—A metal sub-base resting on four supports is attached to the bottom. The air, circulating between this sub-base and the transformer case, keeps it cool while in operation.

Separable Plug—All Lionel "Multivolt" Transformers are fitted with an approved separable plug.

Double Contact Control Switch—This is infinitely superior to the one-piece switch, which is easily bent and does not make positive contact. Our double switch has a flexible, phosphor-bronze contact arm under the rigid



switch, so that positive contact with the points is assured. The flexible contact is protected from injury by the rigid brass handle to which it is attached. An exclusive feature of Lionel "Multivolt" Transformers.

Laminations—The laminations are made of the best grade of electrical sheets and the windings are perfectly insulated.

Rigid Supports for Coils—The coils and laminations of Lionel "Multivolt" Transformers are rigidly supported inside the case by metal bands which prevent these parts from moving and eliminate the possibility of broken lead wires.

Metal Case—The case is beautiful in design and is stamped of heavier steel than is required by the Underwriters Laboratories.

Finish—Lionel "Multivolt" Transformer cases are covered with a rubberoid composition that is applied at 350 degrees Fahrenheit. This is much greater heat than the case is ever subjected to, and the finish cannot be scratched and will not peel off during the entire life of the transformer.

Visible Connections—All contacts and switches are mounted on one piece of heavy insulating material and are at the top of the transformer, right before the user.

Lamp Cord—All Lionel "Multivolt" Transformers are fitted with 7 feet of flexible lamp cord which enters the transformer case through an approved porcelain bushing.

It will be seen that Lionel "Multivolt" Transformers incorporate every device that will increase their efficiency.

LIONEL "MULTIVOLT" TRANSFORMERS—FOR 110 AND 220 VOLTS—60, 40 AND 25 CYCLES

LIONEL "Multivolt" Transformers are made completely in our own factories. Our Transformer department is the largest in the country devoted exclusively to the manufacture of low-voltage transformers. The only parts purchased are the raw materials. We correctly wind and insulate the coils, make the cases, laminations, switch handles, and in fact do every operation. Lionel "Multivolt" Transformers are listed as standard by the Underwriters' Laboratories.

LIONEL "Multivolt" Transformers have been on the market for a great many years and operate all makes of Electric Trains. We justly claim they are best. Don't experiment with other makes of doubtful value. Remember, that all transformers look alike outside, but their imperfections will only be discovered after they are in actual use for a length of time. Lionel "Multivolt" Transformers will last indefinitely and are guaranteed unconditionally as long as they are used on the current for which they are intended. They are absolutely safe and will give steady, even power.

With the introduction of the Type F Transformer, a new low priced highly efficient transformer is available for the operation of small trains on 110 volts, 25 to 40 cycle, alternating current. The Types A, B and F Transformers are now designed to deliver current in one volt steps. This eliminates the need for the No. 81 rheostat, formerly supplied with the "O" Gauge outfits.

For Greatest Efficiency Always Use a Lionel "Multivolt" Transformer with a Lionel Train



Lionel "Multivolt" Transformers Are for Use Only on Alternating Current. Do Not Use Them on Direct Current.

TYPE A TRANSFORMER will operate any "O" Gauge outfit and in addition the extra binding post will enable the user to light up a few lamp posts or other electrically illuminated accessories. For 110 volts, 60 cycles, 40 watts capacity. Gives 13 volts in following steps: Permanent 3, Variable, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15. Size: $4\frac{1}{2} \times 3\frac{1}{4} \times 3\frac{3}{4}$ inches. Sub-base: $3\frac{1}{4}$ by 5 inches. Code Word "STRONG." Price \$3.75

TYPE F TRANSFORMER Same specifications as Type A but for 110 volts, 25 to 40 cycle alternating current. Code Word "HYDRO." Price \$3.75

TYPE B TRANSFORMER will operate any "O" Gauge outfit and in addition the extra binding posts enable the user to light up lamp posts, semaphores, and other electrically illuminated accessories. For 110 volts, 60 cycles, 50 watts capacity. Gives 25 volts in following steps: Permanent 6, 7, 13 Variable 8, 9, 10, 11, 12, 14, 15, 16, 17, 18, 21, 22, 23, 24, 25. Size: $4\frac{1}{2} \times 3\frac{1}{2} \times 4$ inches. Sub-base: $5\frac{1}{2} \times 4\frac{1}{8}$ inches. Code Word "BRADLEY" Price \$5.00

TYPE "T" TRANSFORMER will operate any "O" Gauge or "Lionel Standard" outfit, also has extra binding posts for attaching illuminated electrical accessories. For 110 volts, 60 cycles, 100 watts capacity. Gives 25 volts in following steps: Permanent 2, 4, 6, 7, 8, 10, 12, 14, 15, 16, 17, 18, 19, 21, 23, 25 Variable 2, 6, 8, 10, 12, 14, 16, 17, 18, 19, 21, 23, 25. Size: 5 by 4 by $4\frac{1}{8}$ inches. Sub-base: 6 by $4\frac{1}{8}$ inches. Code Word "BIRCH" Price \$7.50

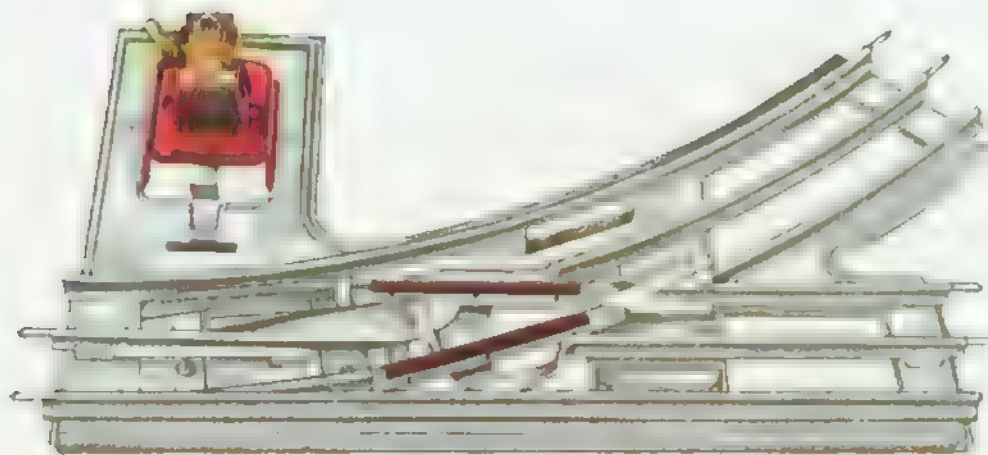
TYPE "K" TRANSFORMER will operate any outfit as well as illuminated accessories. This transformer has sufficient wattage capacity to operate two trains at once. Size $5\frac{1}{2}$ by 4 by 5 inches. Sub-base: 6 by $4\frac{1}{8}$ inches. "K" For 110 volts, 60 cycles, 150 watts capacity. Specifications same as Type "T," but has higher wattage capacity. Code Word (110 V) "BINGHAM." Price \$11.00

"K" For 220 volts, 60 cycles, 150 watts capacity. Specifications same as Type "T," but is for use on 220-volt circuit. Code Word (220 V) "BROOK." Price \$14.50

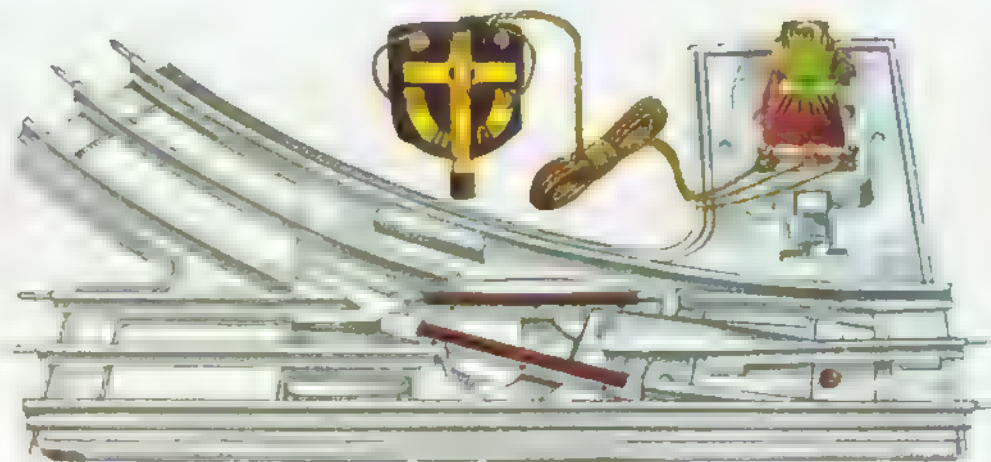
TYPE "C" TRANSFORMER will operate any outfit and illuminated accessories on 25 or 40 cycle current. For 110 volts, 25 to 40 cycles, 75 watts capacity. Specifications same as Type "T," but is for use on 25 or 40 cycle current. Size: $5\frac{1}{2}$ by 4 by 5 inches. Sub-base: 6 by $4\frac{1}{8}$ inches. Code Word "LAWRENCE." Price \$7.50

This transformer is the best obtainable for use on 25 or 40 cycle current.

"DISTANT-CONTROL" AND HAND-OPERATED SWITCHES. NEW TURNTABLE



Nos. 210 and 021



Nos. 222 and 012

LIONEL Hand-operated Switches, shown in the above illustration, are equipped with heavy fibre rails (Patents Re. 16580 and 1671236) at the points where the rails cross. All possibility of short circuit is thus eliminated and headlight does not flicker when train passes over these points. Attention is also directed to the several guard rails attached to Lionel Switches which prevent derauling even when trains are traveling at high speed. Hand-lever which moves the rails also sets the signals, changes the lights and locks mechanism. All Lionel Switches are radically different from any others in the market. They are of steel construction throughout and will bear the weight of the heaviest trains without bending or breaking.

No. 210 "Lionel Standard" Illuminated Switches (right and left hand)—
15¼ inches long, 8⅝ inches wide. Price includes electric lamps.

Code Word "NASH."

Price per Pair, \$6.50

No. 021 Lionel "O" Gauge Illuminated Switches (right and left hand)—
10½ inches long, 7¼ inches wide. Price includes electric lamps.

Code Word "MOSHA."

Price per Pair, \$5.00

LIONEL Switches and Turntable can be connected to the track in the same manner as ordinary straight or curved sections.

LIONEL "Distant-Control" Switches (Patents Nos. 1548940 and 1671236) can be operated at any distance from the track by means of a controlling lever. By manipulating this lever, the same as switchmen do, the position of the switch instantly changes and the red and green lights change with the movement of the switch. The controlling lever is connected with the switch by means of flexible wires so that no additional wiring is required. The mechanism of Lionel "Distant-Control" Switches is extremely simple. They are scientifically constructed. The guard rails prevent the train leaving the track even when operating at high speed. The patented Lionel fibre rails are embodied in the construction of these switches. This exclusive feature prevents a short circuit when the train is passing over the switch points. See page 45 for particulars of Nos. 437 Switch Signal-Tower and 439 Panel Board, to which the controlling levers of these switches can be attached.

No. 222 "Lionel Standard" "Distant-Control" Illuminated Switches (right and left hand)—
15¼ inches long, 8⅝ inches wide. Price includes electric lamps and 42 inches of cord to which controlling levers are attached.

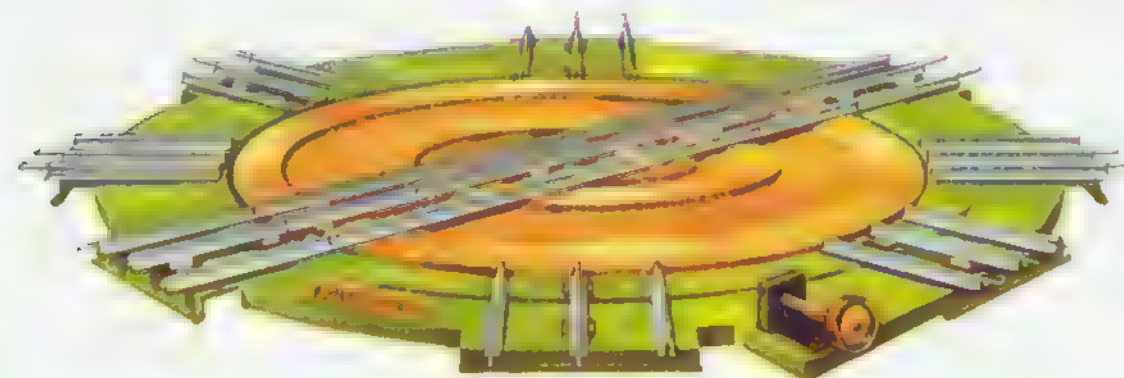
Code Word "AFAR."

Price per Pair, \$11.75

No. 012 Lionel "O" Gauge "Distant-Control" Illuminated Switches (right and left hand)—
10½ inches long, 7¼ inches wide. Price includes electric lamps and 42 inches of cord to which controlling levers are attached.

Code Word "ASP."

Price per Pair, \$9.75



No. 200

NO. 200 TURNTABLE

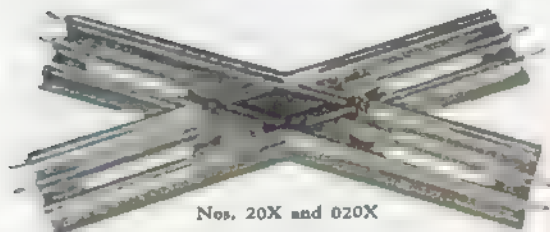
For "Lionel Standard" Track

THIS is an exclusive Lionel Accessory that every boy should have in order to make a complete Lionel Train layout. It is used for switching locomotives to various tracks in the smallest possible space. Every boy is familiar with the use of a Turntable, so it is not necessary to describe its purpose. This Turntable is so perfectly balanced that even when the heaviest locomotive is upon it, it can be easily moved in every direction by means of the worm gear and hand wheel that operate it. Diameter of Turntable is 17 inches.

Code Word "TURK."

Price, \$6.00

"LIONEL STANDARD" AND "O" GAUGE TRACK. LIONEL TRACK ACCESSORIES



Nos. 20X and 020X

Lionel 45 Degree Crossings—These are largely used when making a figure "8," using all curved track, but a great variety of other track layouts can be formed with them. Steel construction throughout. Rails are mounted on heavy steel ornamental base. A heavy fibre block in centre where rails cross prevents all possibility of short circuit, or cars jumping the track.

No. 020X Crossing for "O" Gauge Track. Size 11½ inches long, 6 inches wide.

Price, \$1.60

Code Word "CROSS."

No. 20X Crossing for "Lionel Standard" Track. Size 16½ inches long, 9 inches wide.

Price, \$1.85

Code Word "BOSS."

Lionel Illuminated Bumpers



Nos. 25 and 025

This bumper is die cast and is surmounted by a red electric light encased in a tuckeled steel guard. Electrical contact is automatically made and bumper can be placed at any part of track layout.

No. 025 Bumper for "O" Gauge Track. Length 10¼ inches, height 2¾ inches.

Price, \$1.85

Code Word "HIT."

No. 25 Bumper for "Lionel Standard" Track. Length 14 inches, height 3¾ inches.

Price, \$2.35

Code Word "CAT."

Lionel Spring Bumpers



No. 023 Lionel "O" Gauge Bumper—An indispensable accessory for terminals or sidings. Fitted with spring plunger which absorbs shock when car strikes it. The bumper frame is removable. Length, 10¼ inches, height 2 inches.

Code Word "DELTO."

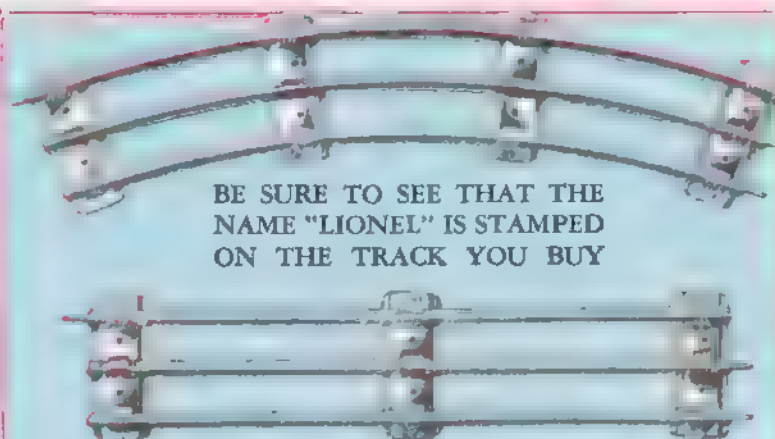
Price, 85¢



No. 23 "Lionel Standard" Bumper—The construction is the same as No. 023 described above. Two spring plungers absorb shock of car. Length 14 inches, height 3 inches.

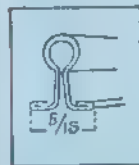
Code Word "PROVO."

Price, \$1.30



BE SURE TO SEE THAT THE
NAME "LIONEL" IS STAMPED
ON THE TRACK YOU BUY

Lionel Track is constructed of heavier metal than any other make. The illustration shows the added strength given to Lionel rails by forming the base outward instead of turning it in. This outward flange gives the track sufficient strength to support the weight of a fully grown person and is made possible by our patented process. Each section of track is tested on 110 volts and therefore will not short-circuit when carrying the low voltage which operates Lionel Trains. The ends of each section have pin terminals which fit in openings in the adjoining sections allowing track to be laid and taken apart without difficulty.



Lionel Track is made in straight and curved sections and the curvature of the track is mechanically correct, allowing trains to run at high speed without derailling.

We illustrate below the improved connecting tie which holds sections of track rigidly together. These connecting ties can be readily inserted and removed.

Lionel "O" Gauge Track—1½ inches wide

OC curved track, 11 inches long.

Code Word "LEMPs."

Price, 20¢

OS straight track, 10¼ inches long.

Code Word "GLENN."

Price, 20¢

OSS track, 10¼ inches long. For use with Electrically-Controlled Accessories. Complete with "Lockon" and connecting wires.

Code Word "RELAY."

Price, 40¢

"Lionel Standard" Track—2¼ inches wide

C curved track, 16 inches long.

Code Word "BUFF."

Price, 30¢

S straight track, 14 inches long

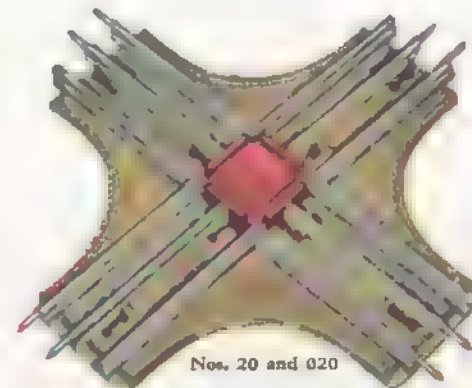
Code Word "NYACK."

Price, 30¢

SS track, 14 inches long. For use with Electrically-Controlled Accessories. Complete with "Lockon" and connecting wires.

Code Word "BURT."

Price, 60¢



Nos. 20 and 020

Lionel 90 Degree Crossings—A great improvement over our former models. The cross rails are mounted on an ornamental steel base, beautifully enameled. A solid molded fibre block placed in the centre where the rails cross, not only prevents short circuit, but is so constructed that the roller contact shoes on the locomotive and cars easily ride over it without derailling. A large variety of figures can be formed when using these crossings in conjunction with switches and track.

No. 020 Crossing for "O" Gauge Track. Size 8¼ inches square

Price, \$1.10

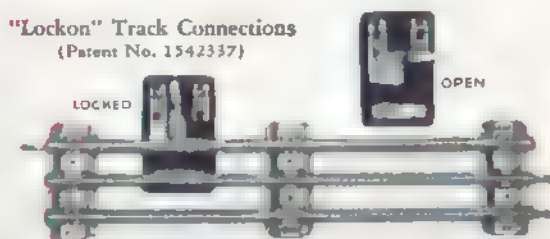
No. 20 Crossing for "Lionel Standard" Track. Size 11¼ inches square

Price, \$1.30

Code Word "BOOST."

"Lockon" Track Connections

(Patent No. 1542337)



Lionel "Lockon" Connections are attached to the track by simply turning the lever at right angles as shown in the above illustration. The electric connection is as perfect as though the parts were riveted or soldered to the track.

Lionel "Lockon" Connections are free from set screws and binding posts. The fingers that hold the wires in place are made of heavy tempered blue steel and are unbreakable. All other metal parts are nickel-plated and are mounted on a heavy fibre base.

Lionel "Lockon" Connections should be used wherever electric accessories require connection with the track.

OTC "Lockon" for "O" Gauge Track.

Code Word "JOIN."

Price, 20¢

STC "Lockon" for "Lionel Standard" Track.

Code Word "JUICE."

Price, 25¢

LIONEL ACCESSORY SETS FOR YOUR TRAIN LAYOUT



No. 195

A MODEL VILLAGE. COMPLETELY ILLUMINATED

No. 195 "Lionel Terrace"—A real village in miniature, containing houses and lamp posts all electrically illuminated. Adds realism to your train outfit, and ideal in connection with sister's doll house. The buildings are in a beautiful landscape setting complete with grass plots, bushes, shrubbery, trees and gravel walks. An American flag majestically waves aloft in the centre. The bungalow and villas are described on Page 42 and the lamp posts are shown on Page 43. Completely wired platform is 22 inches long, 19 inches wide. The lamps in the buildings and lamp posts are all wired, ready to be connected. Our lowest priced "Multivolt" transformer, or direct current reducer connected to the house current, or a few dry batteries will light up the entire village.
Code Word "TUFT."

Price, \$18.00



No. 192

No. 192 Illuminated Villa Set—A handsome assortment of model houses. Comprises 1 No. 191 villa, 1 No. 189 villa, and 2 No. 184 bungalows. All complete with interior lights and connecting wires. Very attractively packed.

Code Word "VILLAGE." Price, \$9.00

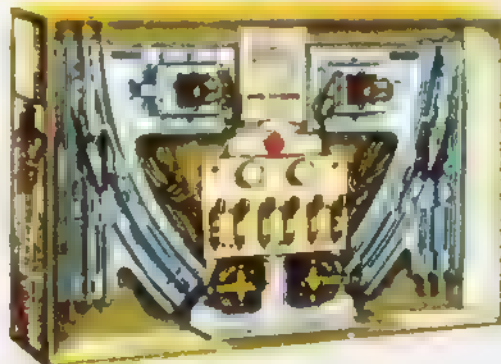


No. 186

No. 186 Illuminated Bungalow Set—Comprises 3 No. 184 bungalows, beautifully finished in assorted colors. Complete with interior lights and connecting wires. Attractively packed.

Code Word "HAMLET"

Price, \$8.00



Nos. 013 and 225

No. 225 "Lionel Standard" "Distant-Control" Switch and Panel Board Set—Comprises 1 pair No. 222 "Distant-Control" Switches (right and left hand) and 1 No. 439 illuminated Panel Board. A desirable new accessory for operating a "Distant-Control" Railroad at any distance from the track. Very attractively packed. Complete with lamps and connecting wires.
Code Word "OPERA." Price, \$17.50

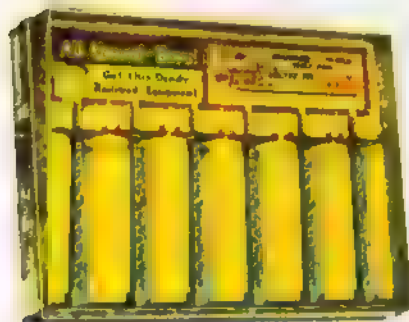
No. 013 "O" Gauge "Distant-Control" Switch and Panel Board Set—Comprises 1 pair No. 012 "Distant-Control" Switches (right and left hand) and 1 No. 439 illuminated Panel Board. This is the same as the set illustrated above, but is for use on Lionel "O" Gauge Track.
Code Word "OPEN." Price, \$15.50



Nos. 071 and 86

No. 86 "Lionel Standard" Telegraph Post Set—These new telegraph posts incorporate a wonderful new feature, namely: the extension arm attached to the base, by means of which the telegraph posts are rigidly fastened to the track. The set comprises 6 No. 85 telegraph posts, 9 inches high described on Page 42. Attractively packed.
Code Word "TENSE." Price, \$4.50

No. 071 "O" Gauge Telegraph Post Set—Same as above, but for "O" Gauge Track. Comprises 6 No. 060 telegraph posts, 3½ inches high, described on Page 42.
Code Word "TAUT." Price, \$3.75



No. 71

Outfit No. 71—Comprises 6 No. 60 steel telegraph posts, as described on Page 42. This set can be used with either "O" Gauge or "Lionel Standard" Railroads. Very attractively packed.

Code Word "USEFUL." Price, \$3.75



No. 70

Outfit No. 70—Comprises 2 No. 62 semaphores, 1 No. 59 lamp post, 1 No. 68 warning sign, 2 extra globes for lamp post. Very attractively packed.

Code Word "HOBART." Price, \$4.50

ALL-STEEL TUNNELS FOR "LIONEL STANDARD" AND "O" GAUGE TRACK

LIONEL Tunnels are of steel construction throughout, and are accurately designed and formed in our special machinery. Front and rear entrances are embossed in exact reproduction of heavy stone masonry, having a keystone at the top. The bodies of the tunnels represent mountainsides in miniature, and are hand decorated

in beautiful harmonizing colors. We draw particular attention to the details on the large size tunnels illustrated below. Mountain roadsides are realistically reproduced and the little metal "chalets," bridges, architectural and landscaping details are all in perfect proportion to the size of the tunnel. Several of the tunnels listed below are equipped with interior lights, producing a beautiful effect.



No. 120L

No. 120L Illuminated Tunnel—For use with the large size "Lionel Standard" Trains. Hand painted and graceful in design. Equipped with interior light. Length 17 inches, width 12 inches, height 9 $\frac{3}{4}$ inches. Tunnel openings are 6 $\frac{1}{2}$ inches wide and 8 $\frac{1}{8}$ inches high.

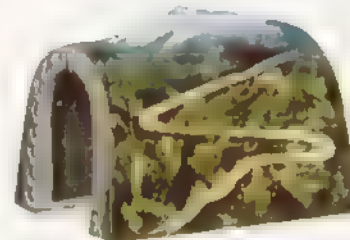
Code Word "HOPE."

Price, \$6.50

No. 130L Tunnel—May be used with all Lionel Outfits.

No. 130L Tunnel—May be used with all "O" Gauge Outfits.

No. 140L Tunnel—May be used with all "Lionel Standard" Outfits.



Nos. 119 and 119L

No. 119L Illuminated Tunnel—Suitable for all "O" Gauge Trains and medium size "Lionel Standard" Trains. Equipped with interior light. Length 12 inches, width 9 $\frac{1}{2}$ inches, height 9 $\frac{1}{4}$ inches. Tunnel openings are 5 inches wide and 6 $\frac{1}{2}$ inches high.

Code Word "HARP."

Price, \$4.50

No. 119 Tunnel—Similar in every way to No. 119L described above, but without interior light.

Code Word "HOSA."

Price, \$3.50

No. 118—May be used with "O" Gauge Outfits Nos. 249, 292, 232, 234 and 294.

Nos. 119 and 119L Tunnels—May be used with Outfits Nos. 347, 347E, 353, 353E, 385 and 385E for "Lionel Standard" Track, and all "O" Gauge Outfits.



No. 118

No. 118 Tunnel—For use with small size "O" Gauge Trains. Length 8 inches, width 7 $\frac{1}{4}$ inches, height 7 inches. Tunnel openings are 4 inches wide and 5 $\frac{3}{8}$ inches high.

Code Word "SIMPLON"

Price, \$2.25

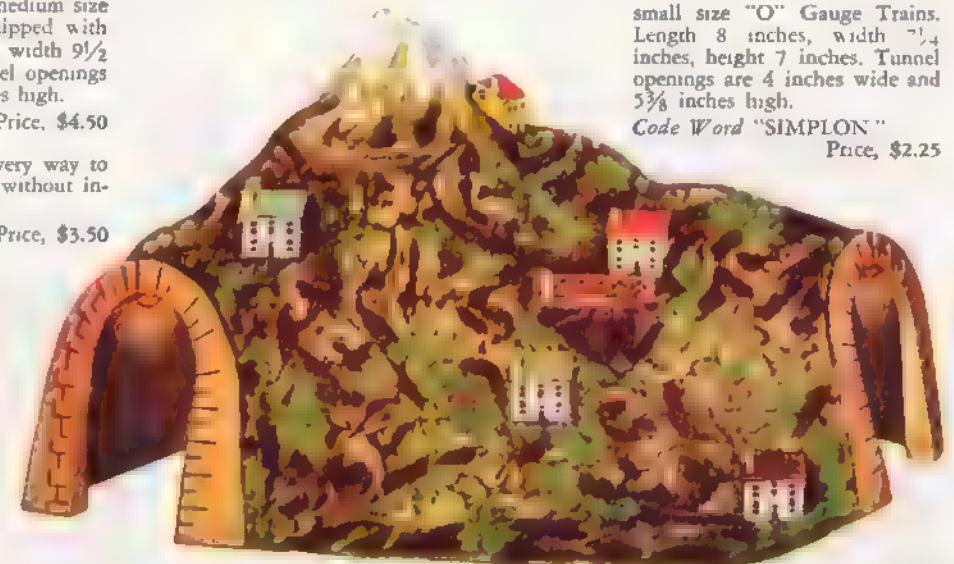


No. 130L

No. 130L Illuminated Tunnel—A beautiful model suitable for use with large "O" Gauge model railroad layouts. It incorporates a wealth of interesting details. Beautifully hand decorated in gorgeous enamel colors, it presents an imposing appearance as the train glides in and out of it. Lights are placed over the forward and rear entrances. Length 24 inches, width 18 $\frac{1}{2}$ inches, height 14 $\frac{1}{2}$ inches. Tunnel openings are 5 inches wide and 6 $\frac{1}{2}$ inches high.

Code Word "SOAK."

Price, \$14.50



No. 140L

No. 140L Illuminated Tunnel—This is for use with our largest model railroad equipment. No finer accessory for model electric trains has ever been made. This elaborate tunnel is made to fit on the curve of the track, and is so accurately aligned that our largest trains can pass through it easily. The electric lights placed at either end of the tunnel reflect through the windows of the houses on the mountain-side, and present a magnificent vista. Length 35 $\frac{3}{4}$ inches, width 23 inches, height 23 $\frac{1}{2}$ inches. Tunnel openings are 8 inches wide and 8 inches high.

Code Word "SEVA."

Price, \$17.50

LIONEL
TUNNELS
ADD REALISM
TO YOUR
MODEL
RAILROAD

LIONEL ALL-STEEL RAILROAD ACCESSORIES, BUNGALOWS AND VILLAS



No. 62

No. 62 Semaphore—The semaphore arm has three discs—red, green and yellow. Arm is operated by lever near base. Enameled steel standard is $8\frac{7}{8}$ inches high.

Code Word "CAUTION." Price, 90¢



No. 60

No. 60 Telegraph Post—Arm is equipped with real glass insulators. Enameled steel standard is $8\frac{7}{8}$ inches high.

Code Word "WIRE." Price, 65¢



No. 191

No. 191 Illuminated Villa—Beautifully designed. $7\frac{1}{8}$ inches long, 5 inches wide and $5\frac{1}{4}$ inches high. Roof is removable. Complete with interior lighting fixture, lamp and connecting wires.

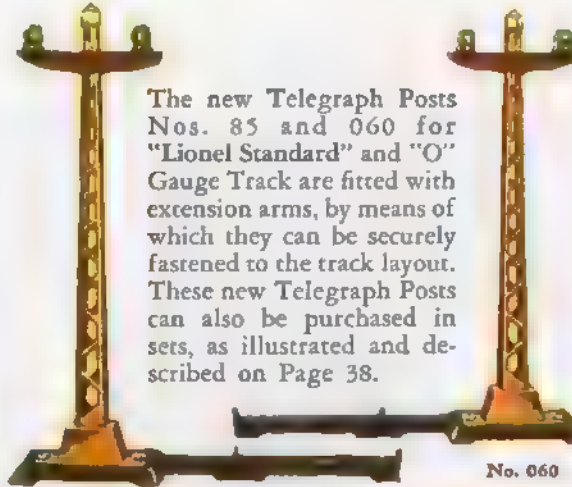
Code Word "SOLID." Price, \$3.50



No. 89

No. 89 Flagstaff and Flag—For use with Lionel model villages or to place in front of a Lionel Station. Flagstaff is $14\frac{1}{4}$ inches high. Silk flag may be lowered by cord attached, which can be fastened to hook near the base.

Code Word "ARTHUR." Price, 80¢



No. 85

No. 85 Telegraph Post with extension arm. For "Lionel Standard" Track. Equipped with real glass insulators. Beautifully enameled in a variety of colors. Height 9 inches. Length of extension arm over all is 8 inches.

Code Word "QUART." Price, 80¢

No. 060

No. 060 Telegraph Post with extension arm. For "O" Gauge Track. Similar in construction and appearance to No. 85 described above. Height $5\frac{1}{2}$ inches. Length of extension arm over all is $6\frac{5}{8}$ inches.

Code Word "QUIET." Price, 65¢



No. 184

No. 184 Illuminated Bungalow— $4\frac{3}{4}$ inches long, 4 inches high, $2\frac{3}{4}$ inches wide. Beautifully decorated. Complete with interior light and connecting wires.

Code Word "HOME." Price, \$1.60



No. 90

No. 90 Flagstaff and Flag—The flagstaff ($14\frac{1}{4}$ inches high) is removable, and fits into an ornamental base mounted on a miniature grass plot beautifully ornamented with flower border.

Code Word "PLOT." Price, \$1.30



No. 068

No. 068 Warning Signal—For "Lionel Standard" Track. Enameled steel standard is $8\frac{7}{8}$ inches high. Brass sign is $3\frac{1}{2}$ inches square.

Code Word "STOP." Price, 90¢



No. 68

No. 068 Warning Signal—For "O" Gauge Track. Similar to No. 68, but is $6\frac{5}{8}$ inches high. Brass sign is $2\frac{1}{4}$ inches square.

Code Word "LOOK." Price, 50¢



No. 189

No. 189 Illuminated Villa—A model that is architecturally perfect. Finished in a variety of harmonizing enamel colors. $5\frac{1}{2}$ inches long, 5 inches wide, $5\frac{1}{2}$ inches high. Complete with interior light and connecting wires.

Code Word "MANSE." Price, \$3.10

LIONEL ALL-STEEL LAMP POSTS

NO Model Railroad is complete without the addition of Lionel Lamp Posts—faithful reproductions of boulevard and street lamp posts seen everywhere. All Lionel Lamp Posts are of steel construction, enameled in a variety of beautiful colors.



No. 67
No. 67 Lamp Post
12 $\frac{1}{2}$ inches high.
Complete with
two globes

Code Word
"EDMUNDS"
Price \$3.00



No. 54
No. 54 Lamp Post
—9 $\frac{1}{2}$ inches high.
Complete with two
globes. An attractive
new double-arm
lamp post.
Code Word
"MOLD."
Price, \$2.33



No. 57
No. 57 Lamp Post
—7 $\frac{1}{2}$ inches high.
The top is removable
so that the
lamp can be re-
newed. Complete
with lamp.
Code Word
"CHEERY."
Price, \$1.75



No. 58
No. 58 Lamp Post
—7 $\frac{1}{2}$ inches high.
Complete with
globe
Code Word
"JENNY."
Price, \$1.30



No. 56
No. 56 Lamp Post
—7 $\frac{3}{4}$ inches high.
The top is removable
so that the
lamp can be re-
newed. Complete
with lamp.
Code Word
"SHINE."
Price, \$1.75



No. 59
No. 59 Lamp Post
—Similar in design to
No. 61, but is
8 $\frac{1}{2}$ inches high.
Complete with
globe.
Code Word
"BRIGHT."
Price, \$1.60



No. 61
No. 61 Lamp Post
—12 $\frac{1}{2}$ inches high.
Complete with
globe

Code Word
"INDIA"
Price, \$2.25

LIONEL LAMP CABINET

No. 111 Lionel Lamp Cabinet We supply Lionel dealers with a handsome cabinet of lamps for use in headlights and all electrically illuminated accessories. These lamps are of the finest quality and are supplied in 12 volts and 18 volts suitable for 'O' Gauge or "Lionel Standard"



FOR DEALERS

equipment. Fifty assorted lamps are packed in each cabinet. The chart on inside of cover gives valuable information for the use of various lamps. Each lamp is packed in a special container. Cabinet contains 50 assorted lamps.
Code Word "LUX." Price, \$15.00

COLORED LAMPS FOR ACCESSORIES

No. 27R Red Lamp—12 volts, 1" round Code Word "NOUN" Price, 30c
No. 28R Red Lamp—18 volts, 1" round Code Word "NORTH" Price, 30c
No. 27G Green Lamp—12 volts, 1" round Code Word "NAIL" Price, 30c
No. 28G Green Lamp—18 volts, 1" round Code Word "NEAT" Price, 30c
The red lamps listed above are for use in the Nos. 025 and 25 Bumpers, No. 79 Flashing Railroad Signal and No. 77 and 077 Crossing Gates.
The green lamps listed above are for use in the front and rear lanterns of No. 408E Locomotive.

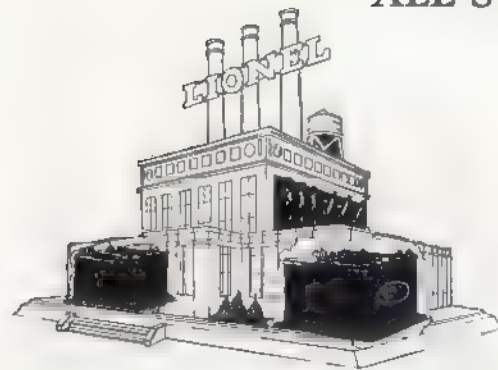
LIONEL LAMP RENEWALS

Each Lamp Packed in Special Container.

No. 27—12 volt, 1/2" round lamp. For use in all "O" Gauge equipment. Code Word "NOSE" Price, 30c
No. 28—18 volt, 1" round lamp. For use in all "Lionel Standard" equipment.
Code Word "NELA" Price, 30c
No. 39—12 volt, 3/4" round globe. For "O" Gauge

Railroads use this lamp on Nos. 54, 58, 59, 61 and 67 Lamp Posts and No. 124 station.
Code Word "NICE" Price, 30c
No. 40—18 volt, 1" round globe. Same uses as No. 39 lamp, when operating "Lionel Standard" equipment.
Code Word "NAVY" Price, 30c

ALL STEEL STATIONS AND POWER HOUSE

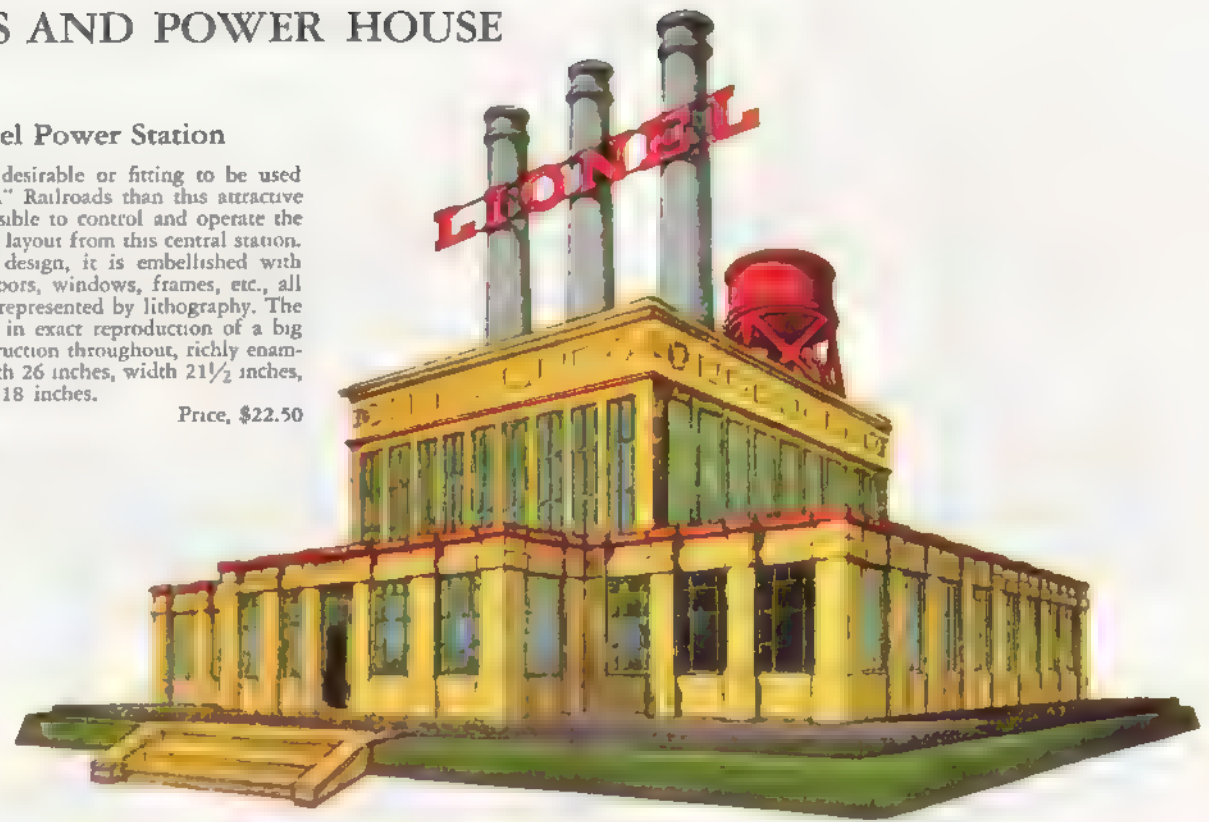


No. 840—Lionel Power Station

There is no accessory more desirable or fitting to be used with Lionel "Distant-Control" Railroads than this attractive new Power Station. It is possible to control and operate the most elaborate model railroad layout from this central station. Original and ornamental in design, it is embellished with wonderful details, such as doors, windows, frames, etc., all actually inserted, not merely represented by lithography. The stone work and masonry are in exact reproduction of a big concrete building. Steel construction throughout, richly enameled in beautiful colors. Length 26 inches, width $21\frac{1}{2}$ inches, height to top of smokestack 18 inches.
Code Word "LING."

Price, \$22.50

The above illustration shows the provision made for accommodating one or two Lionel Transformers. The switches on the transformers can be reached through openings above them. Illustration also shows the Panel Board on one side of the Power House containing six knife switches, from which "Distant-Control" trains and illuminated accessories can be operated.



No. 124 Illuminated Station—Equipped with two corner platform lights and reflectors, finished in polished nickel. These lighting brackets have beautifully designed supporting arms. Also fitted with inside light supported on a nickeled fixture. Roof is removable so that interior lamp can be easily reached. $14\frac{1}{4}$ inches long, $9\frac{1}{4}$ inches wide and 10 inches high. Complete with electric lamps and connecting wires.

Code Word "READE."

Price, \$9.50

No. 122 Illuminated Station—This is in every way similar to No. 124 Station described above, but has one inside electric light supported on a nickeled fixture. Complete with electric lamp and connecting wires.

Code Word "CENT."

Price, \$6.50



No. 126 Illuminated Station—Specially designed for use with our smaller train outfits and has many of the architectural features of our larger models. The interior light is supported on a fixture placed beneath the removable roof. $10\frac{1}{4}$ inches long, $7\frac{1}{4}$ inches wide and 7 inches high. Complete with electric lamp and connecting wires.

Code Word "ALITE."

Price, \$4.75



No. 127 Illuminated Station—For use with any "O" Gauge Train. Interior light is fastened to a supporting fixture. Roof is removable so that lamp can be easily reached. $8\frac{1}{2}$ inches long, $4\frac{1}{4}$ inches wide and 5 inches high. Complete with electric lamp and connecting wires.

Code Word "TONLY." Price, \$3.10

ALL STEEL STATION, POWER HOUSE, SWITCH SIGNAL TOWERS AND PANEL BOARD



An Attractive Addition to a Lionel Railroad

No. 128—This elaborate new station is up to date in every detail. It is mounted on a terrace which contains landscaped flower beds. In the center bravely floats an American flag mounted on a tall flagstaff. A beautifully designed stairway leads from the ground to the terrace. The retaining wall surrounding the structure represents ornamental masonry. The station is illuminated inside and out by electric bulbs, and beautiful torches illuminate the terrace. The roof is removable so that the electric fixture in the interior can easily be reached. This elaborate station is made entirely of heavy steel, beautifully enameled and decorated. It is 31½ inches long, 18 inches deep and 12 inches high.
Code Word "YEN."

Price, \$26.25

No. 129 Station Platform

This platform is the same as the one described to the left, and is listed separately so that owners of Lionel Stations Nos. 124, 122 and 121 can make use of them in this most elaborate setting, which so greatly adds to the appearance of the entire railroad layout.

Code Word "YIELD."

Price, \$16.75



Lionel Power Stations—Made in 2 sizes to fit all types of Lionel "Multivolt" Transformers. Base is hollow, so that transformer easily sets within. Grid in roof is removable.

No. 435—Size 7¾ by 6 inches. 9½ inches high to chimney. For use with Types A, B or F Transformers.
Code Word "JENA."

Price, \$2.75

No. 436—Size 9¼ by 7¾ inches. 10½ inches high to chimney. For use with Types T, C and K Transformers.
Code Word "WATTS."

Price, \$3.50



No. 437 Illuminated Switch Signal Tower—For operating Electrically-Controlled Train and Accessories at any distance from the track. Rear view below shows six knife switches attached to panel board, also provision for attaching controlling levers of electrically-controlled track switches described on Page 38. Note the wonderful detail in the windows, doors and panels, which are separable inserted pieces. Size 10¼ inches long, 8⅝ inches high, 8⅜ inches wide. Complete with electric lamp and connecting wires.

Code Word "ZEV."

Price, \$9.00



No. 438 Illuminated Signal Tower—Equipped with 2 knife switches from which "Distant-Control" Trains and Accessories can be operated. Roof is removable so that interior light can be reached. Mounted on a beautiful steel elevation, embossed with rivets, etc. Base represents concrete. A brass ladder runs up the entire length of the steel work. Height is 12 inches. Base measures 6 by 4¾ inches. Electric lamp and connecting wires included.
Code Word "CARP."

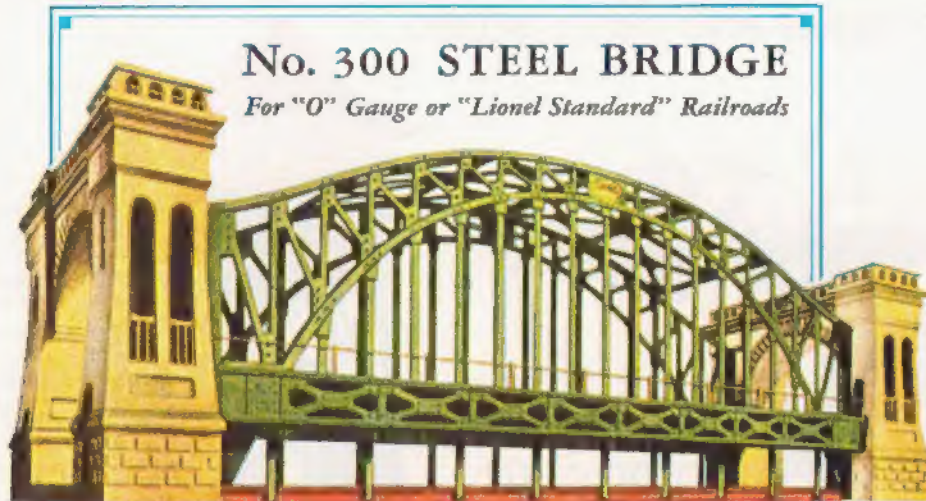
Price, \$5.00



No. 439 Panel Board—You can operate your trains and accessories from one or more of the six knife switches mounted on the marble Panel Board. Provision is made for holding two levers of Lionel Electrically-Controlled Switches, shown in illustration below. Electric lamp at top illuminates small dummy meters. Made of heavy steel beautifully enameled, and the knife switches are mounted on a composition marble slab. Size 8¼ inches high and 7¼ inches wide.
Code Word "FLOW."

Price, \$5.75





No. 300 STEEL BRIDGE

For "O" Gauge or "Lionel Standard" Railroads

This is the most realistic bridge that has ever been produced for model railroads. It is a replica of the famous "Hell-Gate" Bridge which spans the East River in New York. It is constructed entirely of sheet steel, and is enameled in beautiful colors. The Bridge is $28\frac{3}{4}$ inches long, 11 inches high and $10\frac{7}{8}$ inches wide. The train passes through the bridge at its own level without the necessity of grade approaches. Any boy should be proud to own this marvelous bridge.
Code Word "HELGA."

Price, \$16.50

"LIONEL STANDARD" BRIDGES

No. 104 Span—For "Lionel Standard" Track. 14 inches long, $6\frac{1}{2}$ inches wide, $6\frac{1}{4}$ inches high. Complete with track.
Code Word "MANN."

Price, \$3.50

No. 100 Approaches (two sections)—For "Lionel Standard" Track. Construction is the same as No. 105 described in opposite column. Complete length $28\frac{1}{4}$ in., height 2 in., at centre, width $5\frac{1}{8}$ in. Complete with track.
Code Word "BROOKLYN."

Price, \$2.60

No. 101 Bridge (three sections)—For "Lionel Standard" Track. Complete structure is $42\frac{1}{4}$ inches long, $6\frac{1}{2}$ inches wide, $6\frac{1}{4}$ inches high. Complete with track.
Code Word "QUEENS."

Price, \$6.00

No. 102 Bridge (four sections)—For "Lionel Standard" Track. Complete structure is $56\frac{1}{2}$ inches long, $6\frac{1}{2}$ inches wide, $6\frac{1}{4}$ inches high. Complete with track.
Code Word "KEEPSIE."

Price, \$9.00

No. 103 Bridge (five sections) Same in appearance as No. 102 Bridge—For "Lionel Standard" Track. Contains three centre spans and two approaches. Complete structure is $70\frac{1}{2}$ inches long, $6\frac{1}{2}$ inches wide, $6\frac{1}{4}$ inches high. Complete with track.
Code Word "LONDON."

Price, \$11.50

ALL STEEL BRIDGES

No other model railroad bridges approach Lionel for sturdiness of construction and realism of appearance. They are all designed after famous bridges throughout the country. They are elaborately embossed, and beautifully finished. In addition to the bridges illustrated, a bridge of any desired size may be constructed by adding extra spans. Your railroad system cannot be complete without a Lionel Bridge.



No. 110



No. 105



No. 106



No. 108



No. 102



No. 101 "O" GAUGE BRIDGES

No. 110 Span—For "O" Gauge Track. $10\frac{1}{2}$ in. long, $5\frac{1}{2}$ in. wide, $4\frac{1}{4}$ in. high. Complete with track.
Code Word "WILLY."

Price, \$2.60

No. 105 Approaches (two sections)—For "O" Gauge Track. Made in reproduction of reinforced concrete. Complete length $21\frac{1}{4}$ in., height 2 in., at centre, width $4\frac{1}{8}$ in. Complete with track.
Code Word "PARIS."

Price, \$1.75

No. 106 Bridge (three sections)—For "O" Gauge Track. Complete structure is $32\frac{1}{2}$ in. long, $5\frac{1}{2}$ in. wide, $4\frac{1}{8}$ in. high. Complete with track.
Code Word "CONN."

Price, \$3.50

No. 108 Bridge (four sections)—For "O" Gauge Track. Complete structure is 43 inches long, $5\frac{1}{2}$ inches wide, $4\frac{1}{8}$ inches high. Complete with track.
Code Word "HOUSA."

Price, \$5.75

No. 109 Bridge (five sections) Same in appearance as No. 108 Bridge. For "O" Gauge Track. Contains three centre spans and two approaches. Complete structure is $53\frac{3}{8}$ inches long, $5\frac{1}{2}$ inches wide, $4\frac{1}{8}$ inches high. Complete with track.
Code Word "MISS."

Price, \$7.75



No. 104

"LIONEL STANDARD" AND "O" GAUGE TRACK FORMATIONS



TRACK FIG. OA (1" O Gauge) requires:
12—OC curved track; 4—OS straight track; 1—
020, 90 degree crossing. Size over all 70 x 30 in.

TRACK FIG. SA ("Lionel Standard") requires:
12—C curved track; 4—S straight track; 1—
20, 90 degree crossing. Size over all 97 x 43 in.



TRACK FIG. OB (1" O Gauge) requires:
24—OC curved track; 16—OS straight track;
2—right hand No. 021 switches; 4—left hand
No. 021 switches. Size over all 173 x 53 in.

TRACK FIG. SB ("Lionel Std.") requires:
24—C curved track; 16—S straight track; 2—
right hand No. 210 switches; 4—left hand
No. 210 switches. Size over all 241 x 71 in.



TRACK FIG. OD (1" O Gauge) requires:
12—OC curved track; 4—OS straight track;
2—right hand No. 021 switches; 2—left hand
No. 021 switches. Size over all 71 x 30 in.

TRACK FIG. SD ("Lionel Std.") requires:
12—C curved track; 4—S straight track; 2—
right hand No. 210 switches; 2—left hand No.
210 switches. Size over all 98 x 42 in.



TRACK FIG. OE (1" O Gauge) requires:
12—OS straight track; 16—OC curved track;
2—1/2 OS straight track; 2—right hand No. 021
switches; 4—left hand No. 021 switches; 2—
023 bumpers. Size over all 113 x 52 in.

TRACK FIG. SE ("Lionel Standard") requires:
12—S straight track; 16—C curved track; 2—
1/2 S straight track; 2—right hand No. 210
switches; 4—left hand No. 210 switches; 2—
023 bumpers. Size over all 154 x 71 in.



TRACK FIG. OF (1" O Gauge) requires:
16—OC curved track; 4—OS straight track;
2—right hand No. 021 switches; 2—left hand
No. 021 switches; 1—020, 90 degree crossing.
Size over all 90 x 30 in.

TRACK FIG. SF ("Lionel Std.") requires:
16—C curved track; 4—S straight track; 2—
right hand No. 210 switches; 2—left hand
No. 210 switches; 1—20, 90 degree crossing.
Size over all 124 x 43 in.



TRACK FIG. OH (1" O Gauge) requires:
8—OC curved track, making a circle 30 in.
in diameter.

TRACK FIG. SH ("Lionel Std.") requires:
8—C curved track, making a circle 43 in.
in diameter.



TRACK FIG. OJ (1" O Gauge) requires:
16—OS straight track; 16—OC curved track;
4—right hand No. 021 switches; 4—left hand
No. 021 switches; 1—020, 90 degree crossing.
Size over all 92 x 41 in.

TRACK FIG. SJ ("Lionel Standard") requires:
16—S straight track; 16—C curved track; 4—
right hand No. 210 switches; 4—left hand No.
210 switches; 1—20, 90 degree crossing. Size
over all 126 x 57 in.



TRACK FIG. OK (1" O Gauge) requires:
14—OC curved track; 1—020X, 45 degree cross-
ing. Size over all 61 x 30 in.

TRACK FIG. SK ("Lionel Standard") requires:
14—C curved track; 1—20X, 45 degree cross-
ing. Size over all 88 x 43 in.



TRACK FIG. OL (1" O Gauge) requires:
8—OC curved track; 8—OS straight track;
2—right hand No. 021 switches. Size over all
71 x 30 in.

TRACK FIG. SL ("Lionel Std.") requires:
8—C curved track; 8—S straight track; 2—
right hand No. 210 switches. Size over all
88 x 43 in.



TRACK FIG. OM (1" O Gauge) requires:
8—OC curved track; 8—OS straight track;
2—right hand No. 021 switches; 2—left hand
No. 021 switches; 1—020, 90 degree crossing.
Size over all 71 x 30 in.

TRACK FIG. SM ("Lionel Std.") requires:
8—C curved track; 8—S straight track; 2—
right hand No. 210 switches; 2—left hand
No. 210 switches; 1—20, 90 degree crossing.
Size over all 88 x 43 in.



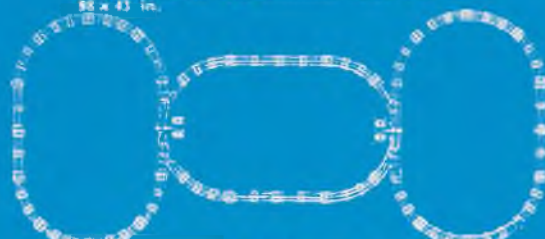
TRACK FIG. ON (1" O Gauge) requires:
16—OC curved track; 2—OS straight track.
Size over all 81 x 30 in.

TRACK FIG. SN ("Lionel Standard") requires:
16—C curved track; 2—S straight track. Size
over all 117 x 42 in.



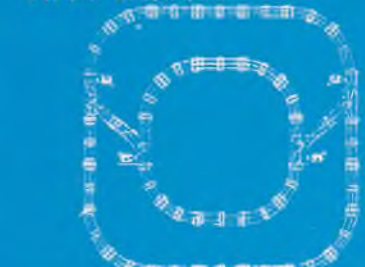
TRACK FIG. OP (1" O Gauge) requires:
14—OC curved track; 12—OS straight track;
1—right hand No. 021 switch; 1—left hand
No. 021 switch. Size over all 82 x 50 in.

TRACK FIG. SP ("Lionel Standard") requires:
14—C curved track; 12—S straight track; 1—
right hand No. 210 switch; 1—left hand No.
210 switch. Size over all 112 x 71 in.



TRACK FIG. OQ (1" O Gauge) requires:
20—OC curved track; 8—OS straight track;
2—right hand No. 021 switches; 2—left hand
No. 021 switches. Size over all 110 x 50 in.

TRACK FIG. SQ ("Lionel Std.") requires:
20—C curved track; 8—S straight track; 2—
right hand No. 210 switches; 2—left hand
No. 210 switches. Size over all 154 x 71 in.



TRACK FIG. OR (1" O Gauge) requires:
16—OC curved track; 12—OS straight track;
2—right hand No. 021 switches; 2—left hand
No. 021 switches. Size over all 61 x 61 in.

TRACK FIG. SR ("Lionel Std.") requires:
16—C curved track; 12—S straight track;
2—right hand No. 210 switches; 2—left hand
No. 210 switches. Size over all 85 x 85 in.



TRACK FIG. OT (1" O Gauge) requires:
10—OC curved track; 12—OS straight track;
1—right hand No. 021 switch; 1—left hand
No. 021 switch. Size over all 71 x 40 in.

TRACK FIG. ST ("Lionel Standard") requires:
10—C curved track; 12—S straight track; 1—
right hand No. 210 switch; 1—left hand No.
210 switch. Size over all 96 x 57 in.

You may use No. 25 or 025 illuminated bumpers instead of Nos. 23 and 023 spring bumpers if desired. You may use No. 222 or 012 electrically-controlled switches instead of Nos. 210 and 021 hand-controlled switches. REFER TO PAGES 38 AND 39 FOR PRICES OF SEPARATE PARTS USED IN MAKING THESE TRACK FORMATIONS

Manufactured and Guaranteed by THE LIONEL CORPORATION 15 East 26th Street, New York, N. Y.

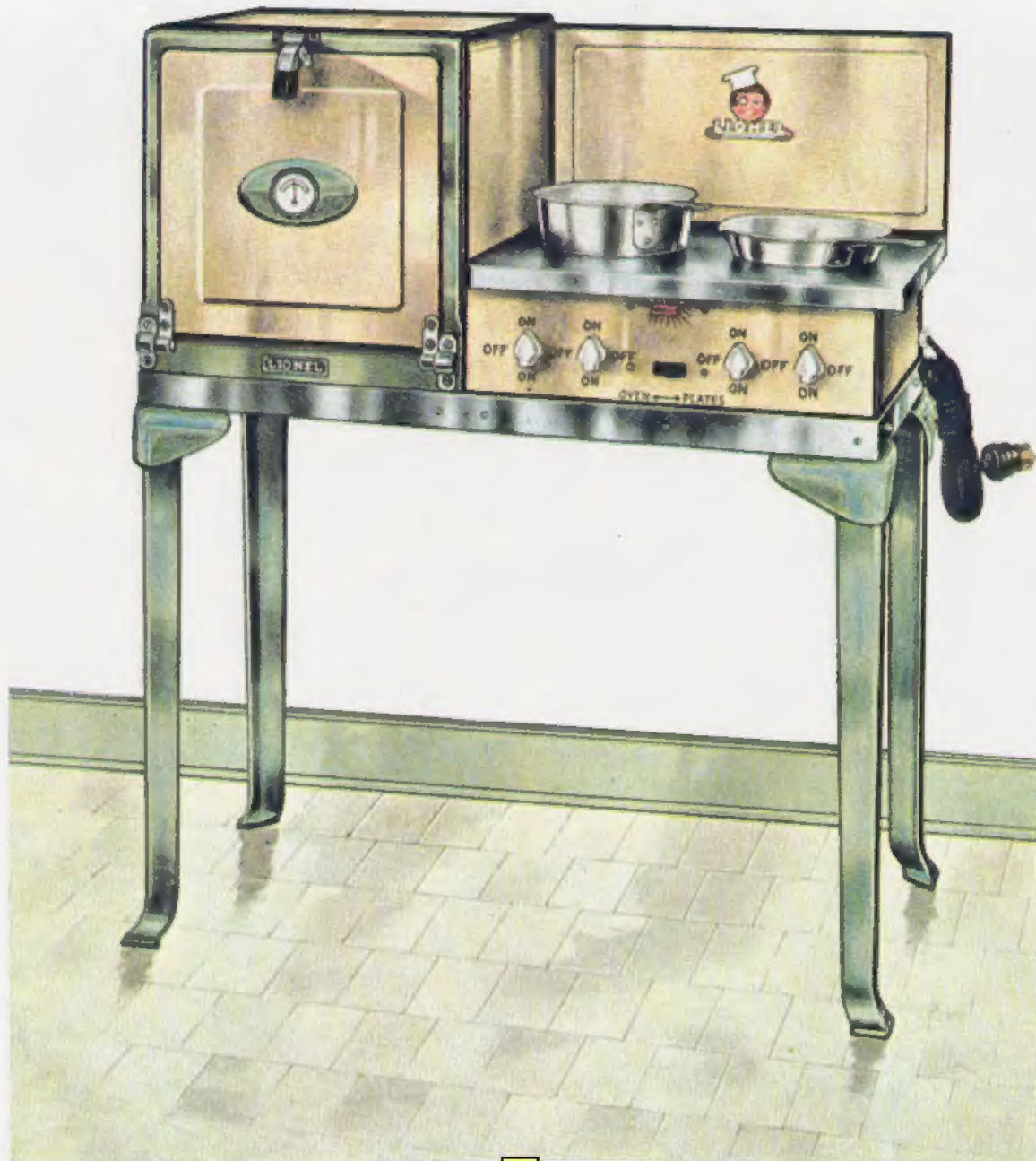
A REAL ELECTRIC RANGE FOR GIRLS

GIRLS, the new Lionel Electric Range is built absolutely in accordance with specifications of the large ranges used by Mother. It is of the correct size to enable you to cook and bake, the same as Mother does, and yet it is small enough to be used in the playroom.

No range ever produced before is built like the Lionel. It is in a class by itself. It must not be confused with other toy electric ranges. It is real in everything but size. Imagine owning an electric range with a porcelain finish and equipped with genuine practical heating units! It is the only toy range ever built, that is finished in porcelain. You do not have to sit on the floor in order to bake or cook with this range, nor does the range have to be placed on a table. It is just of the right height for you to stand in front of it and start right in cooking.

The Lionel Range can be used in absolute safety by the smallest girl and has the approval of the Underwriters Laboratories.

Feast your eyes on its beautiful contrasting colors! Rub your hand over the glossy, gleaming porcelain! Marvel at the lasting, highly nickeled cooking top! Examine the heat indicator in the oven door! See the gleam of the red pilot light when the current is turned on! All of these details can only be found in the Lionel Range for Girls or in Mother's real electric range.



Specifications and Dimensions of Lionel Range:

THERE are two electric units in the oven, one or both of which can be used by means of the two switches on the panel board. There are also two open burners, both of which can be used at the same time. A toggle switch throws all the current into the oven or into the burners. A pilot light shines red as soon as the current is turned on. The oven door is equipped with a thermometer showing the temperature in the oven. The range is finished in beautiful porcelain colors.

Heating units in oven are 625 watts each, or 1250 watts for both. Heating units for open burners are 625 watts each. They are made of the best grade of nichrome wire.

Height over all 33 inches

Width . . . 26 inches

Depth . . . 12 inches

Height of cooking units from floor . . 25½ inches

Dimensions of oven
9½ inches square

Included with this Range are 5 cooking utensils.

Code Word "COOKERY."

Price, \$29.50